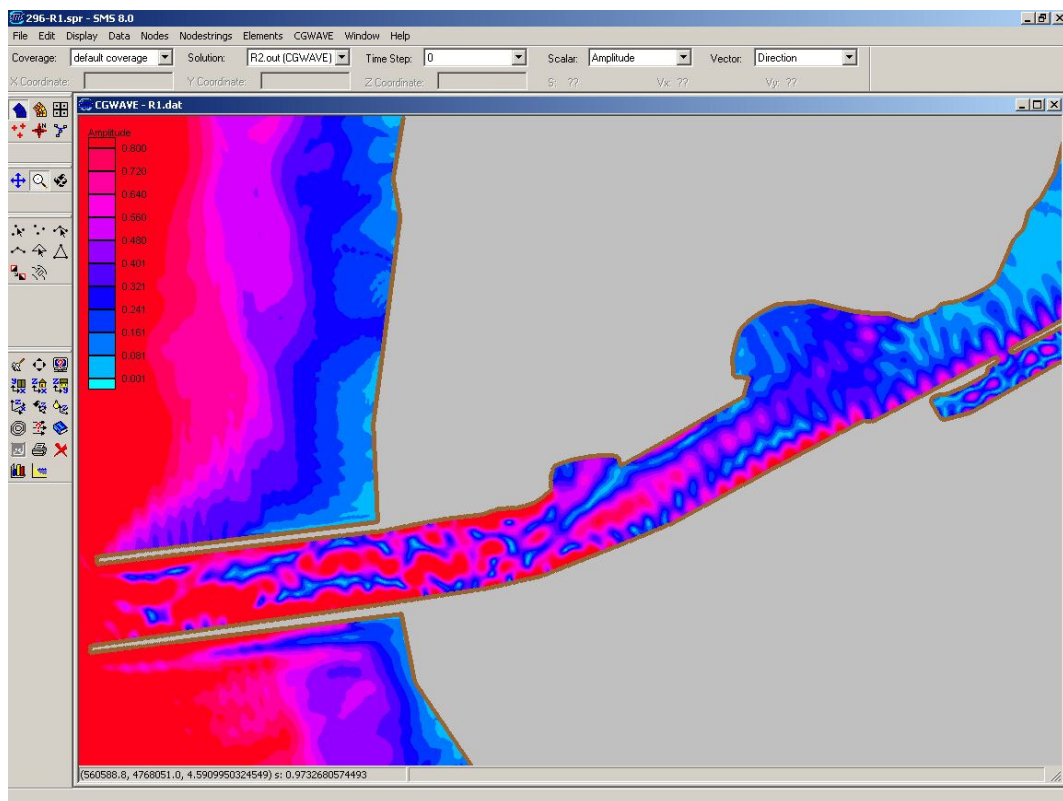
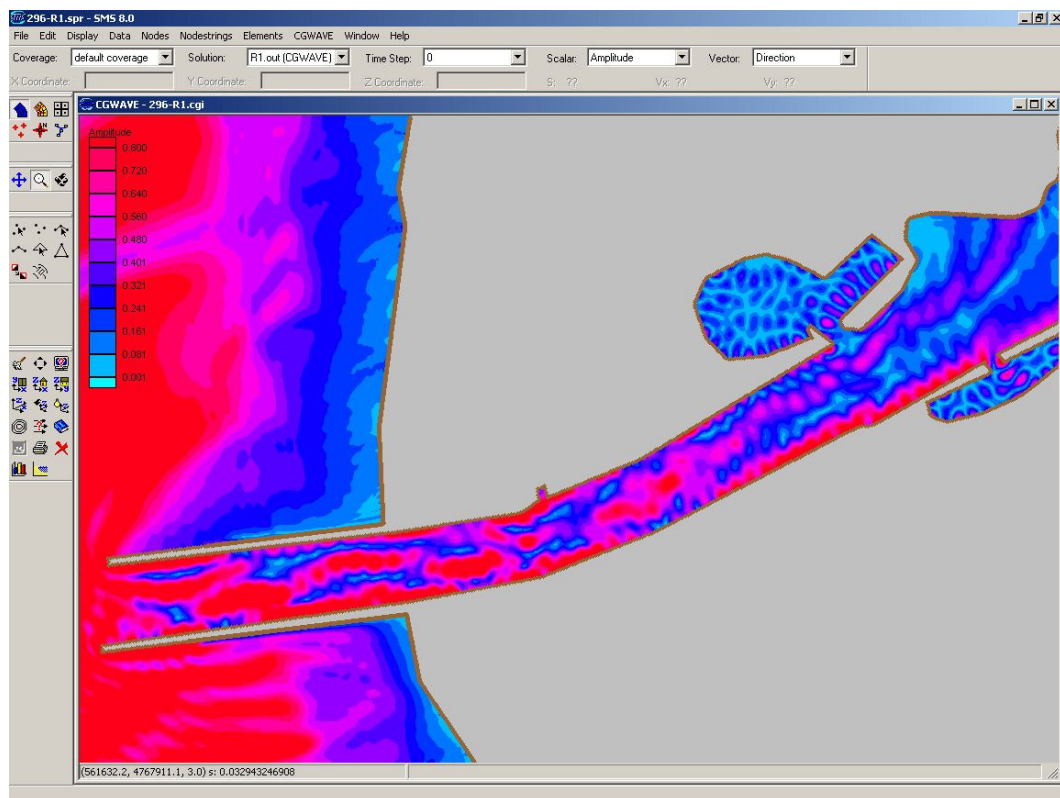


## Appendix A

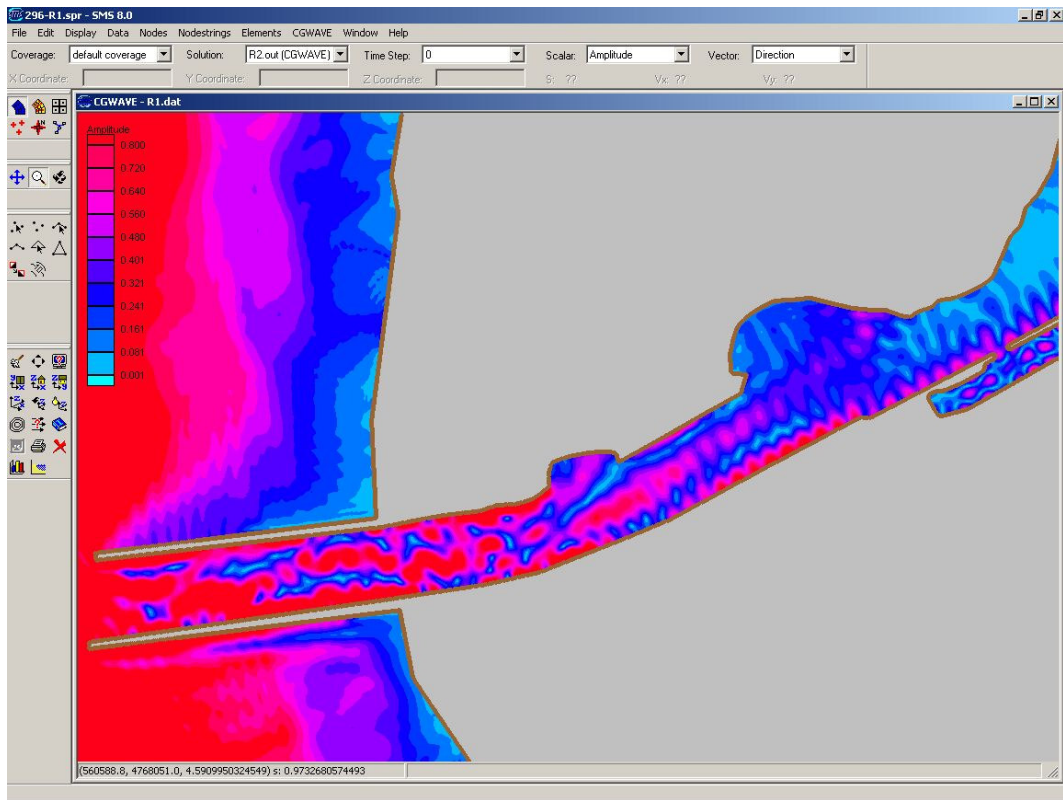
### CGWAVE Model Results



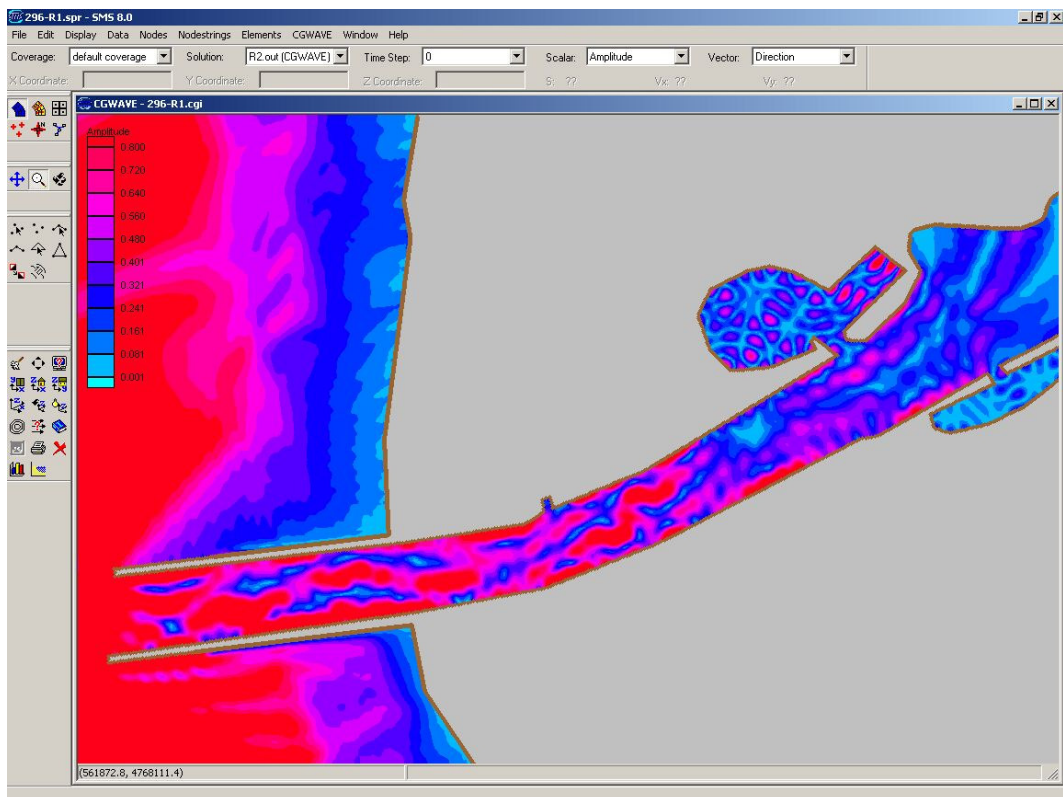
1938: Direction: 224, Wave Condition: 1



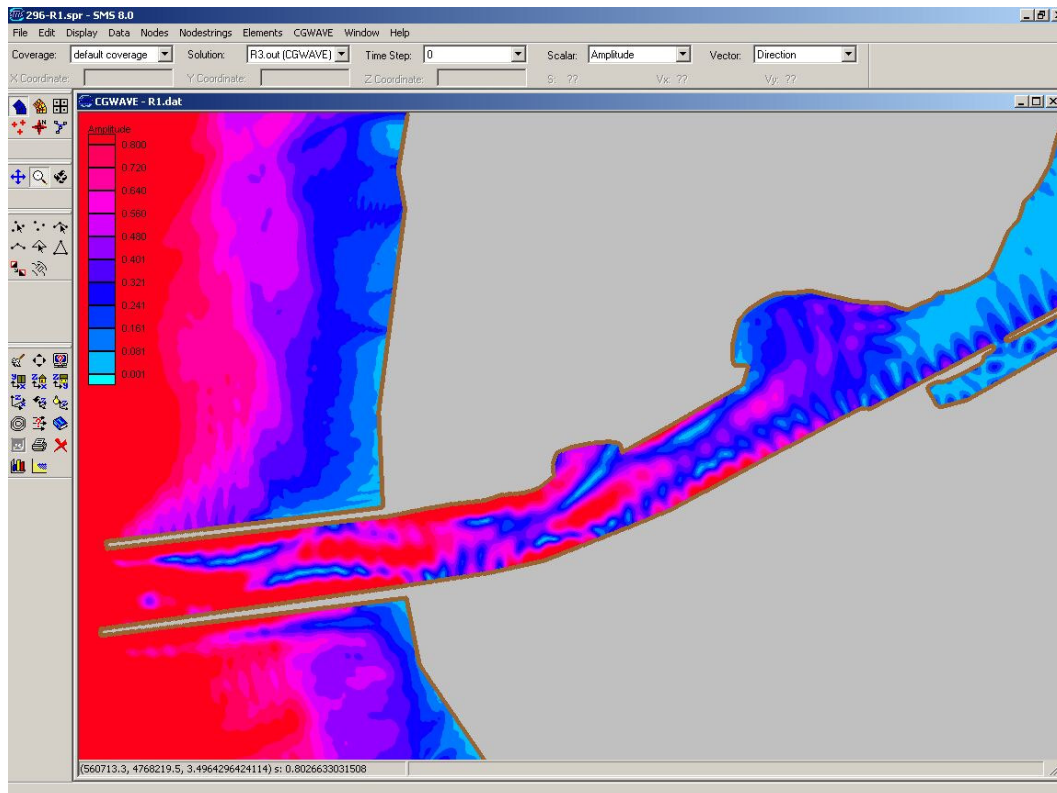
2003: Direction: 224, Wave Condition: 1



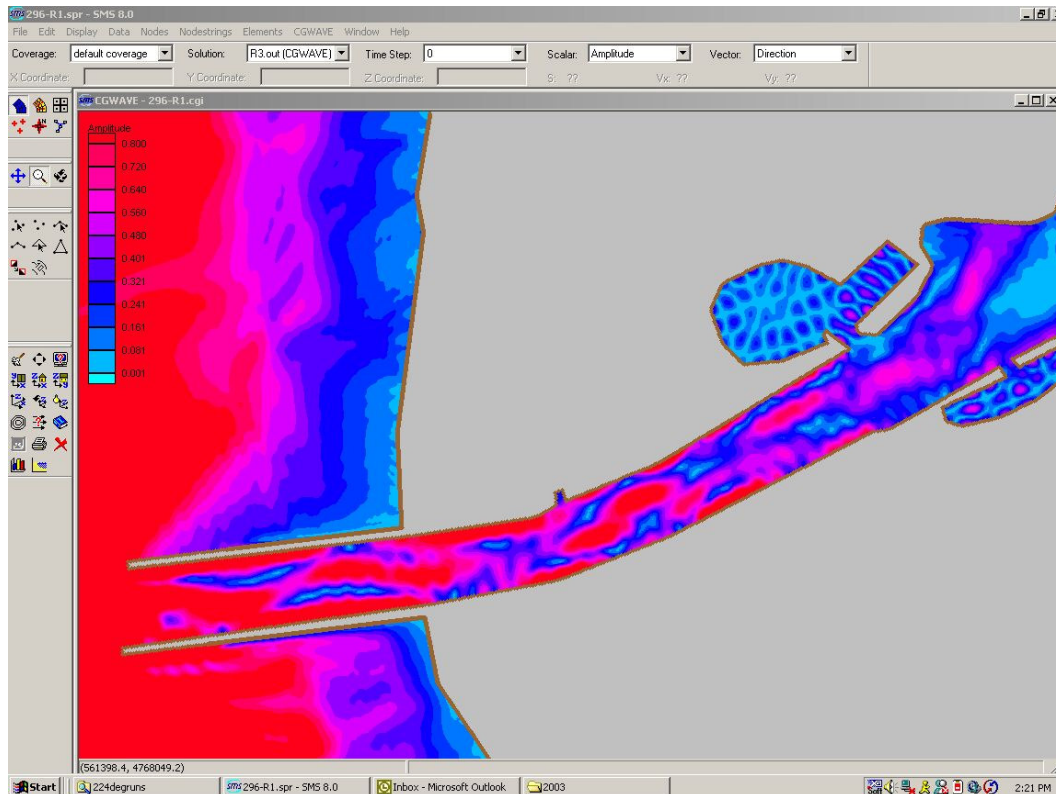
1938: Direction: 224, Wave Condition: 2



2003: Direction: 224, Wave Condition: 2

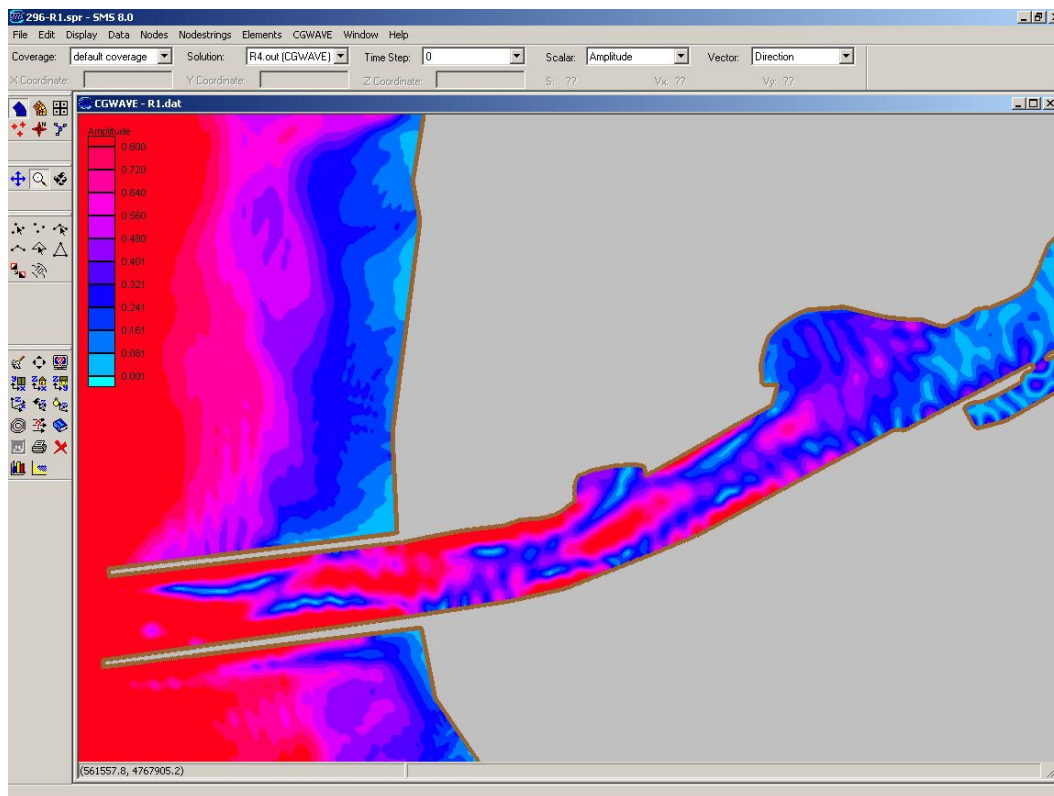


1938: Direction: 224, Wave Condition: 3

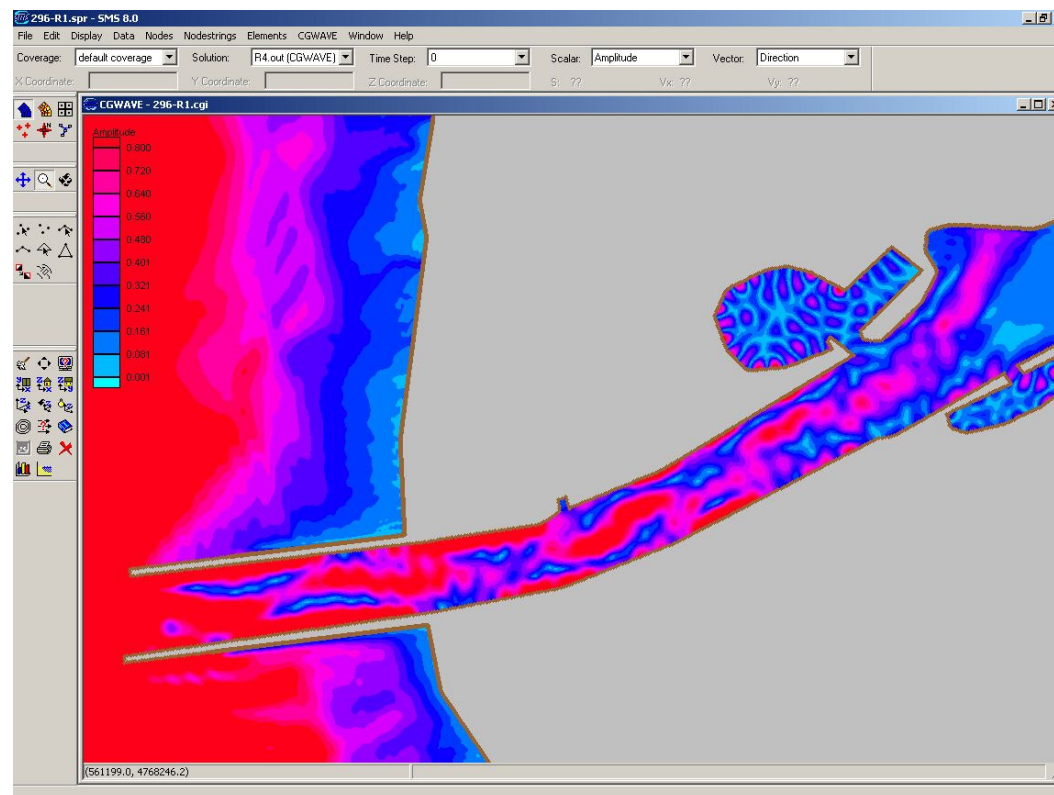


2003: Direction: 224, Wave Condition: 3

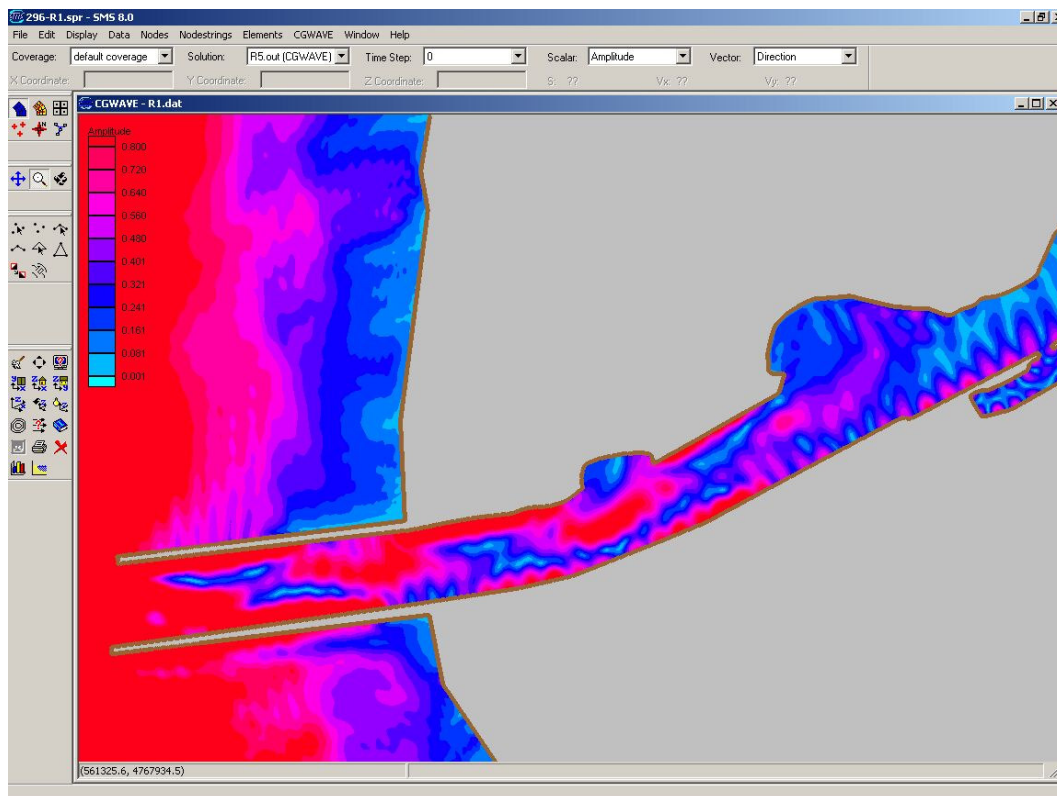




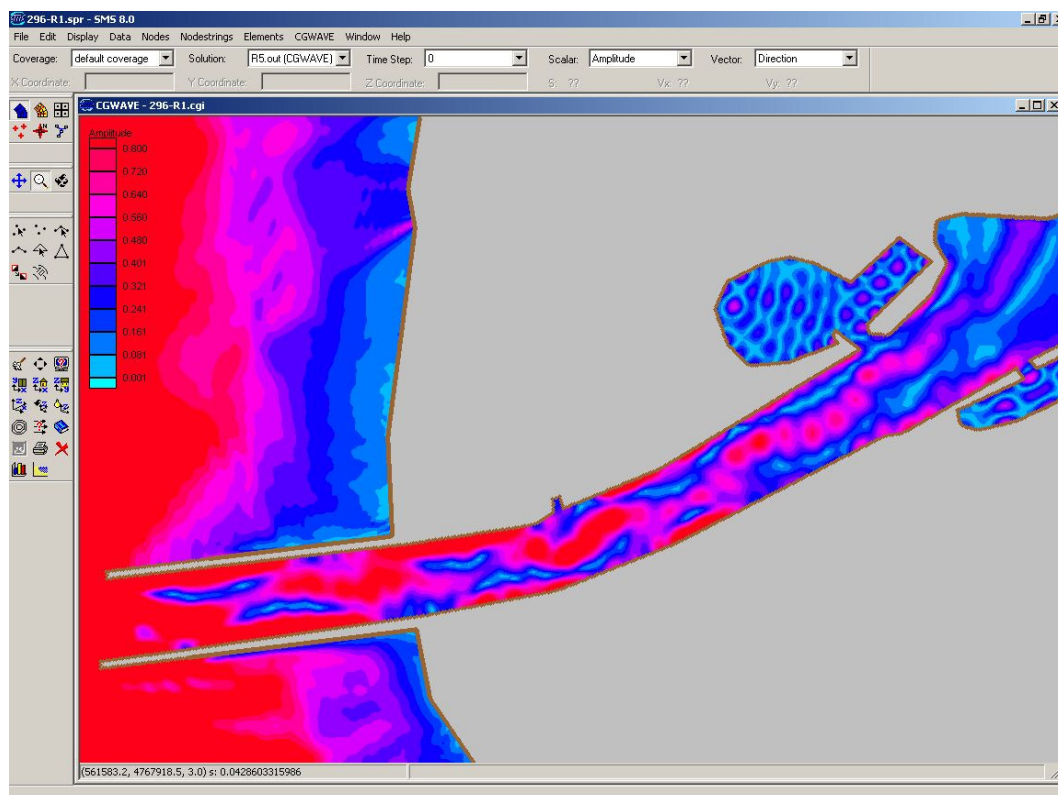
1938: Direction: 224, Wave Condition: 4



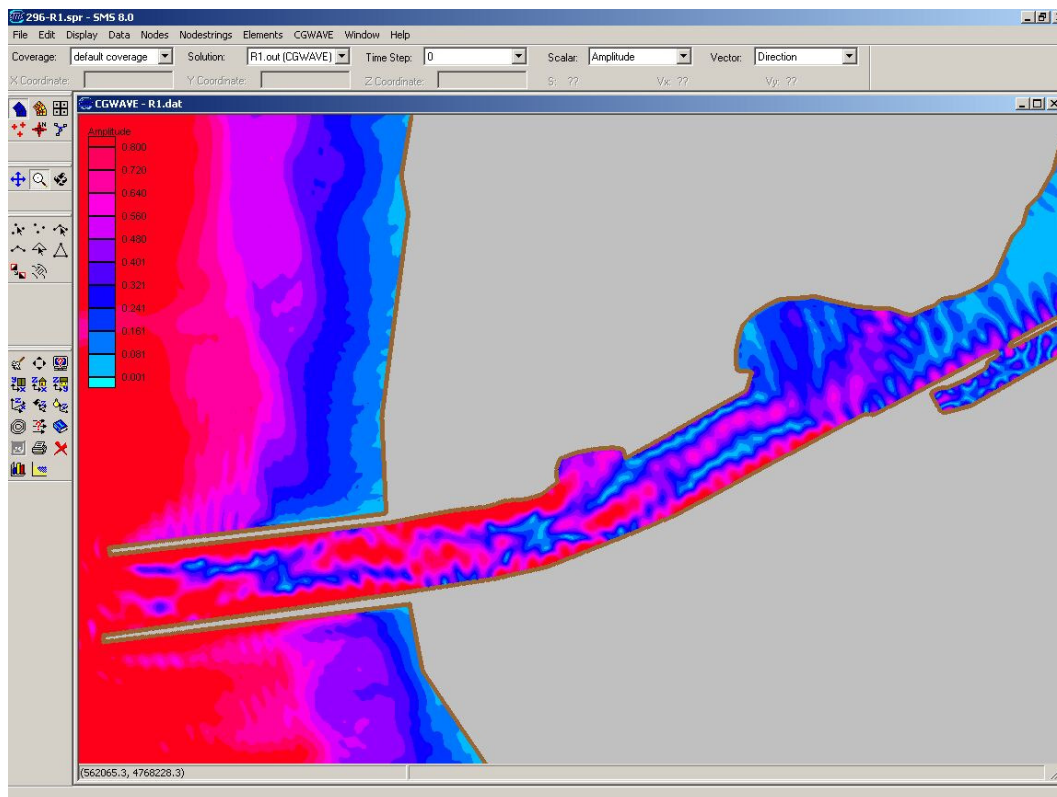
2003: Direction: 224, Wave Condition: 4



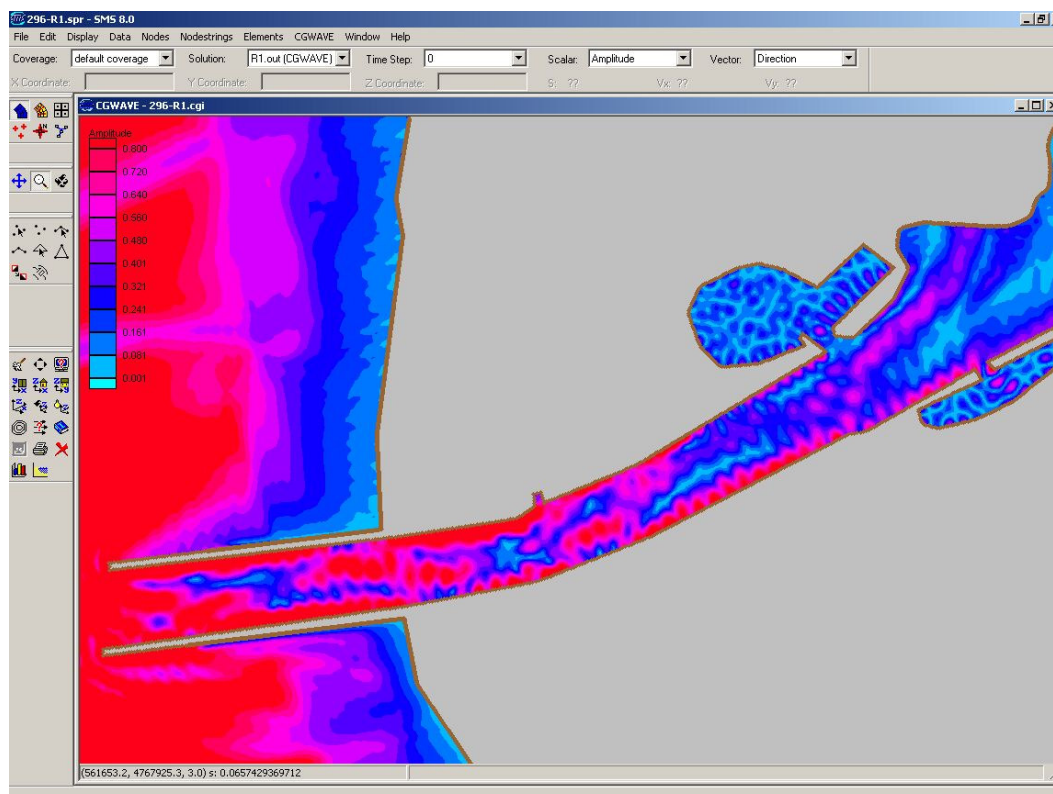
1938: Direction: 224, Wave Condition: 5



2003: Direction: 224, Wave Condition: 5

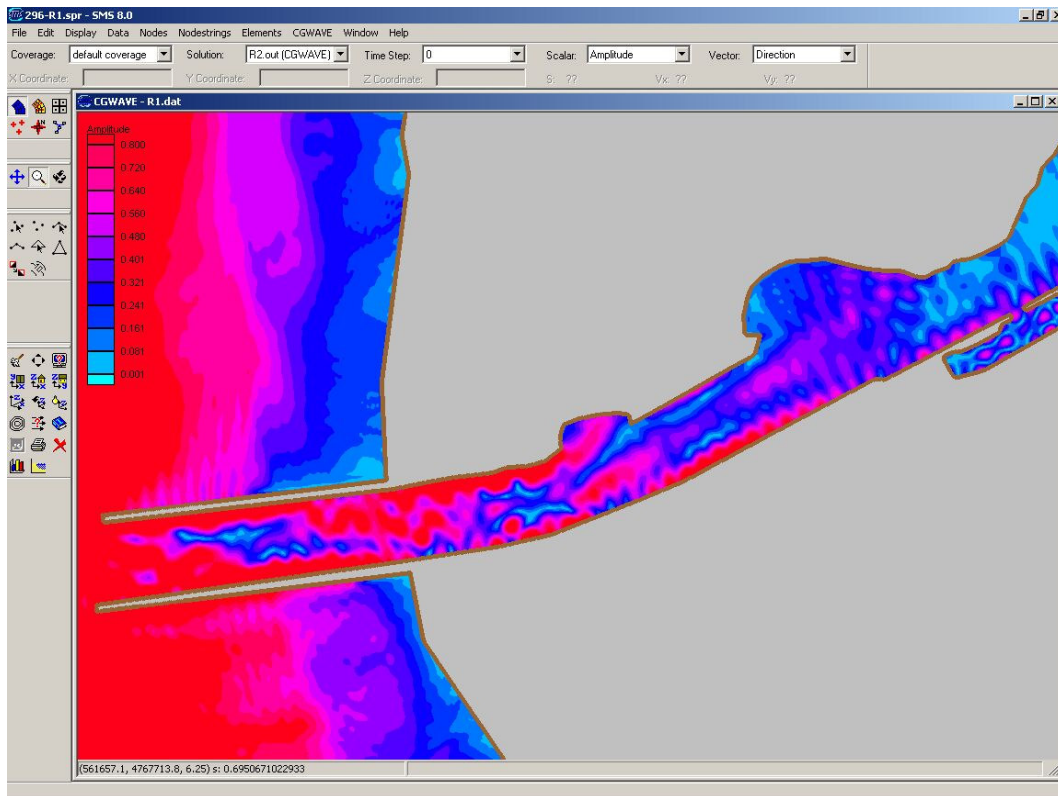


1938: Direction: 242, Wave Condition: 1

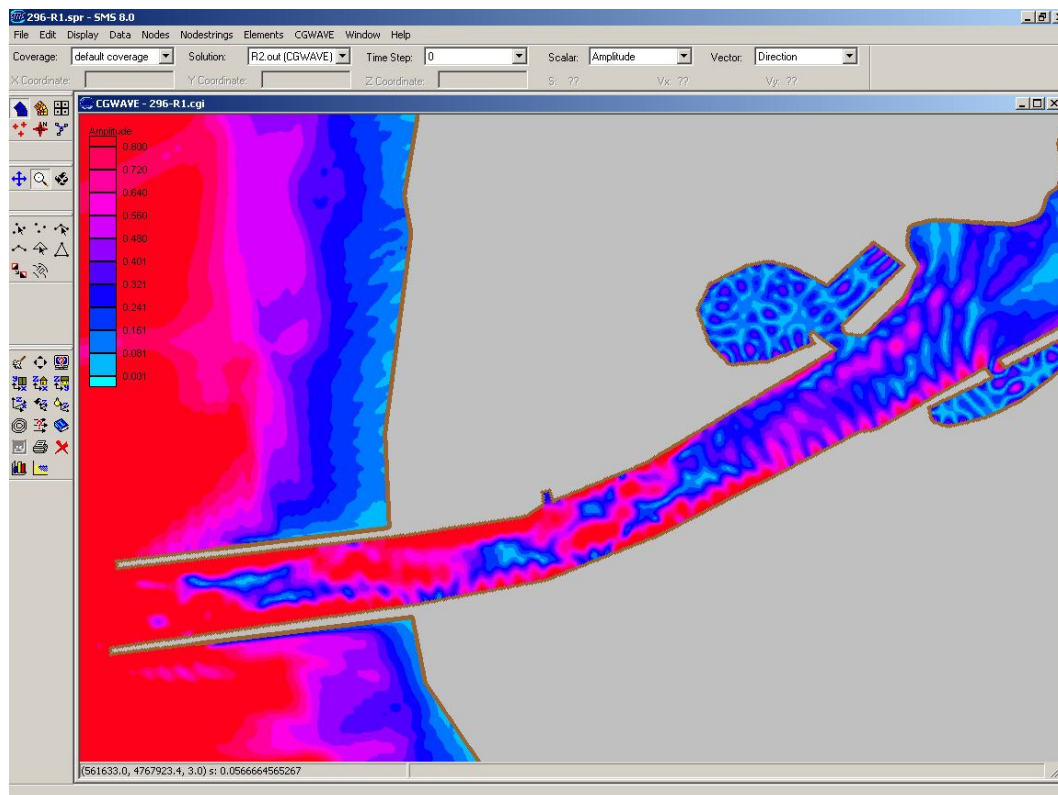


2003: Direction: 242, Wave Condition: 1



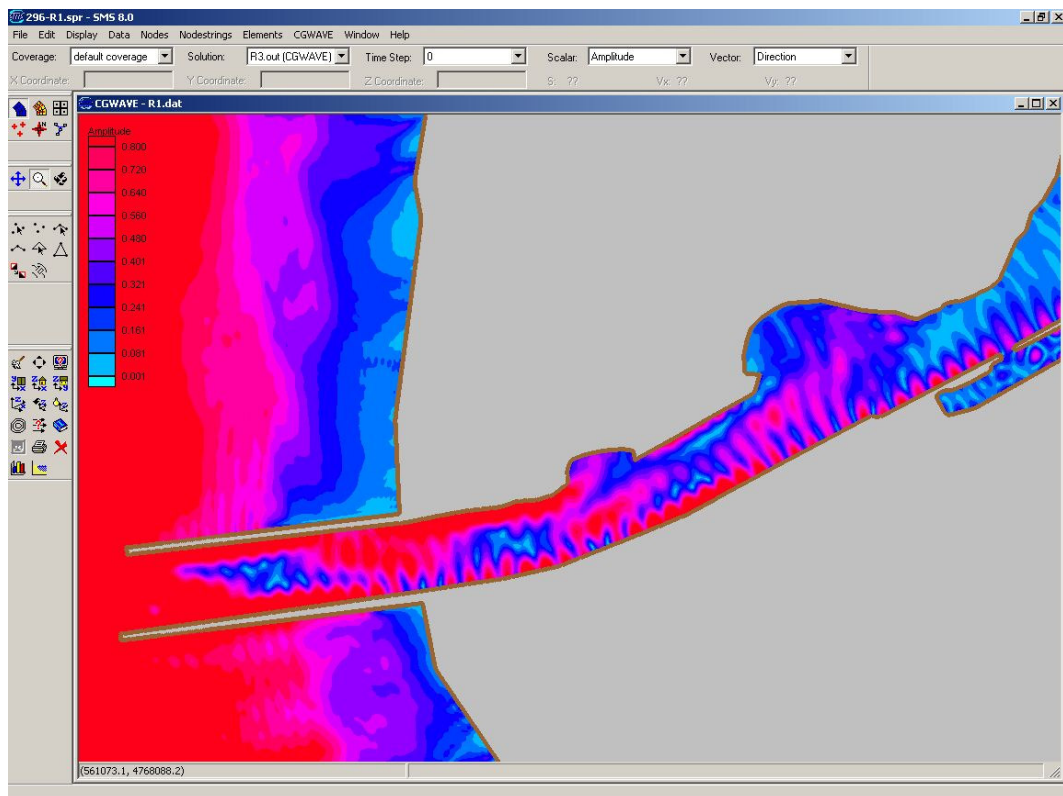


1938: Direction: 242, Wave Condition: 2

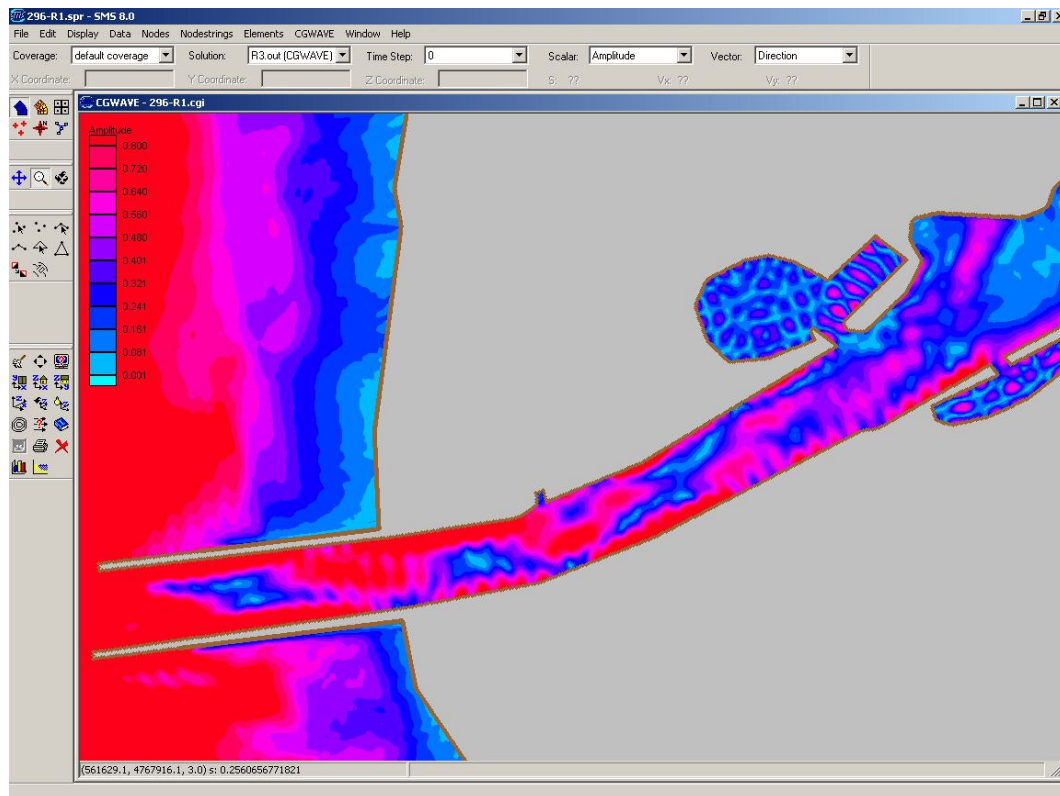


2003: Direction: 242, Wave Condition: 2

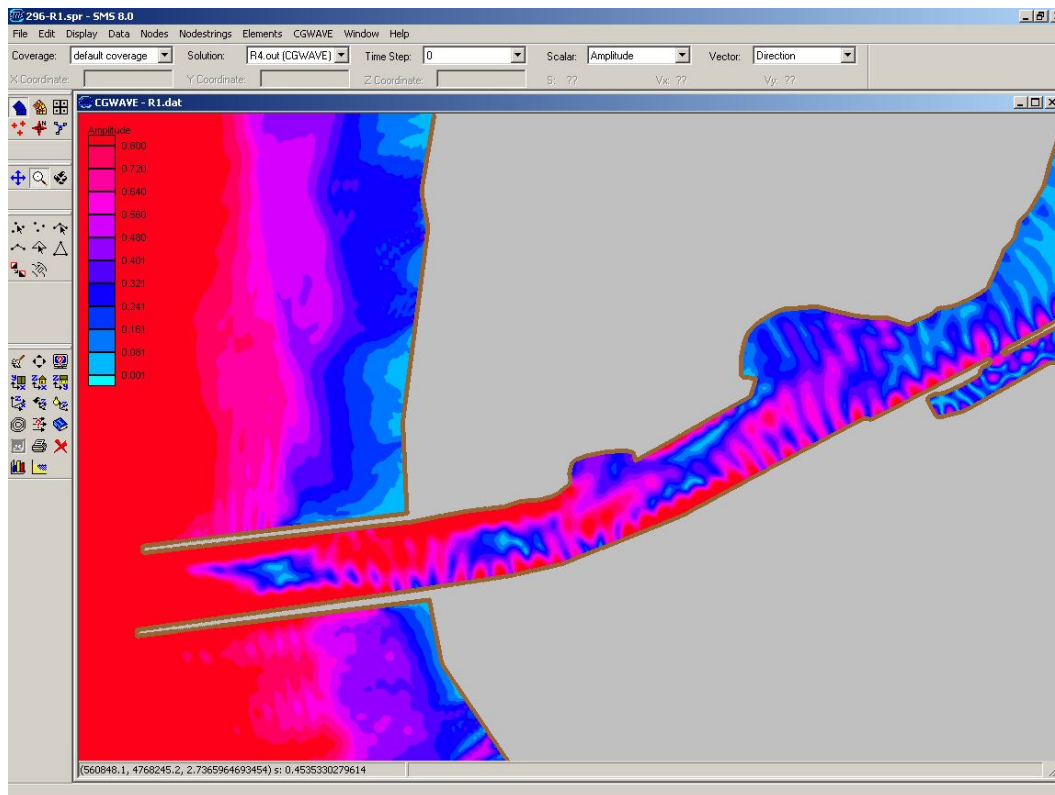




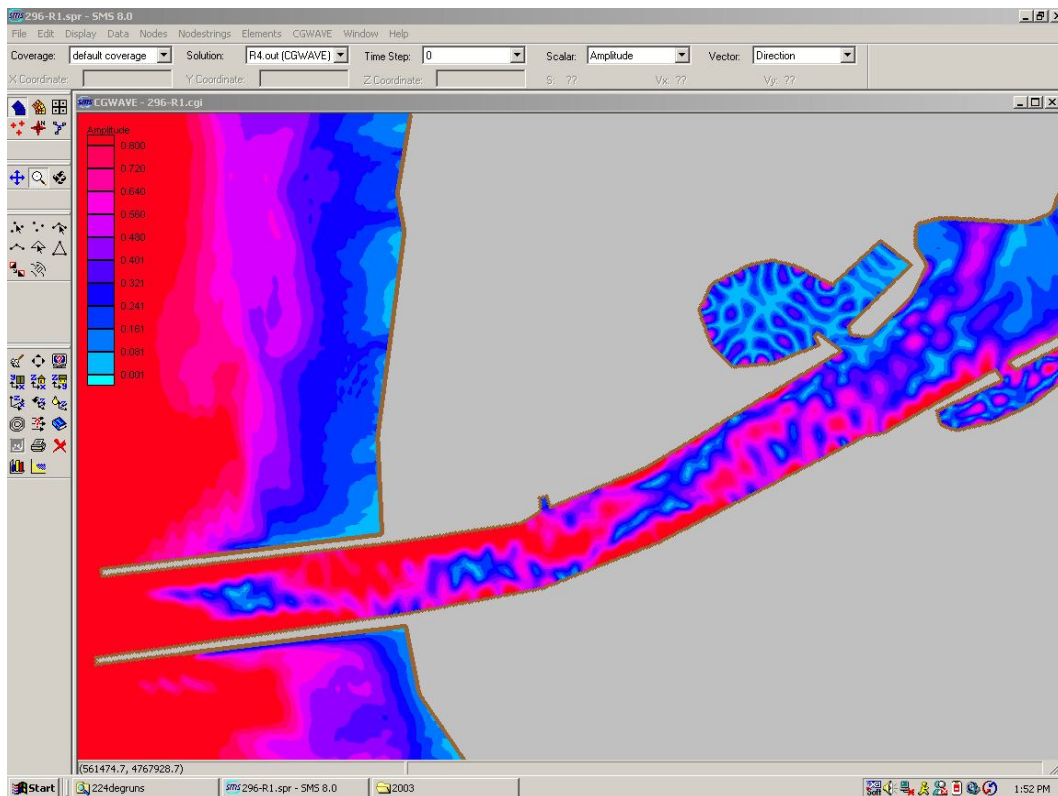
1938: Direction: 242, Wave Condition: 3



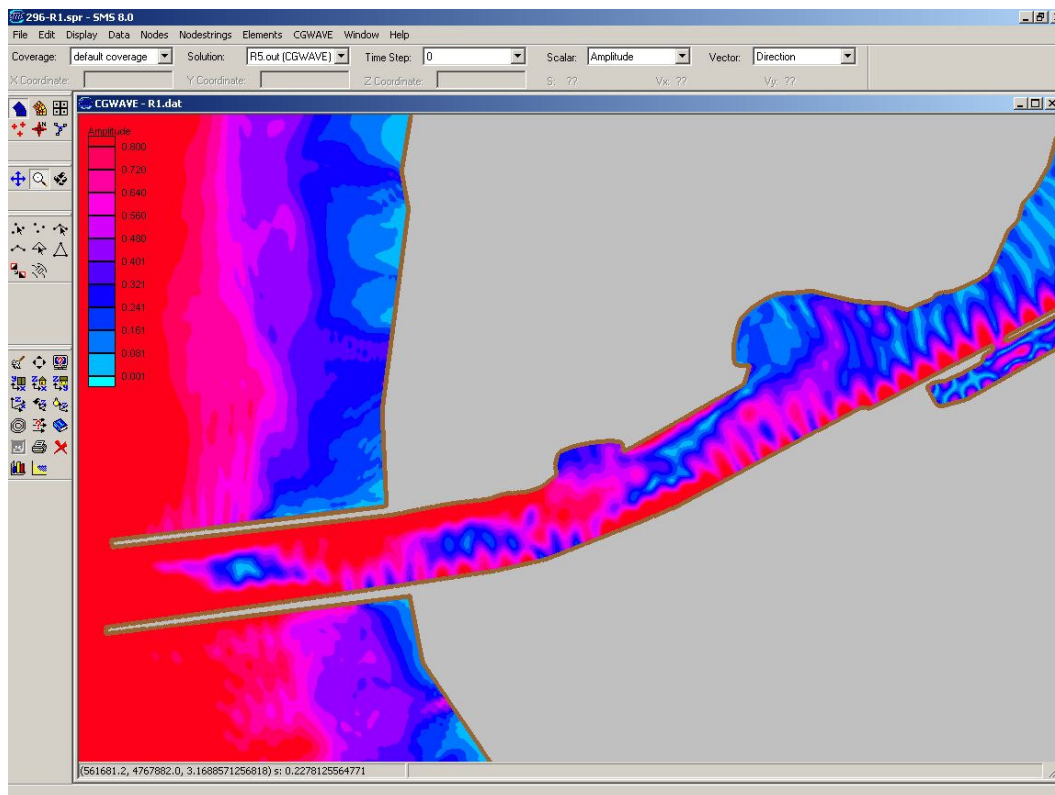
2003: Direction: 242, Wave Condition: 3



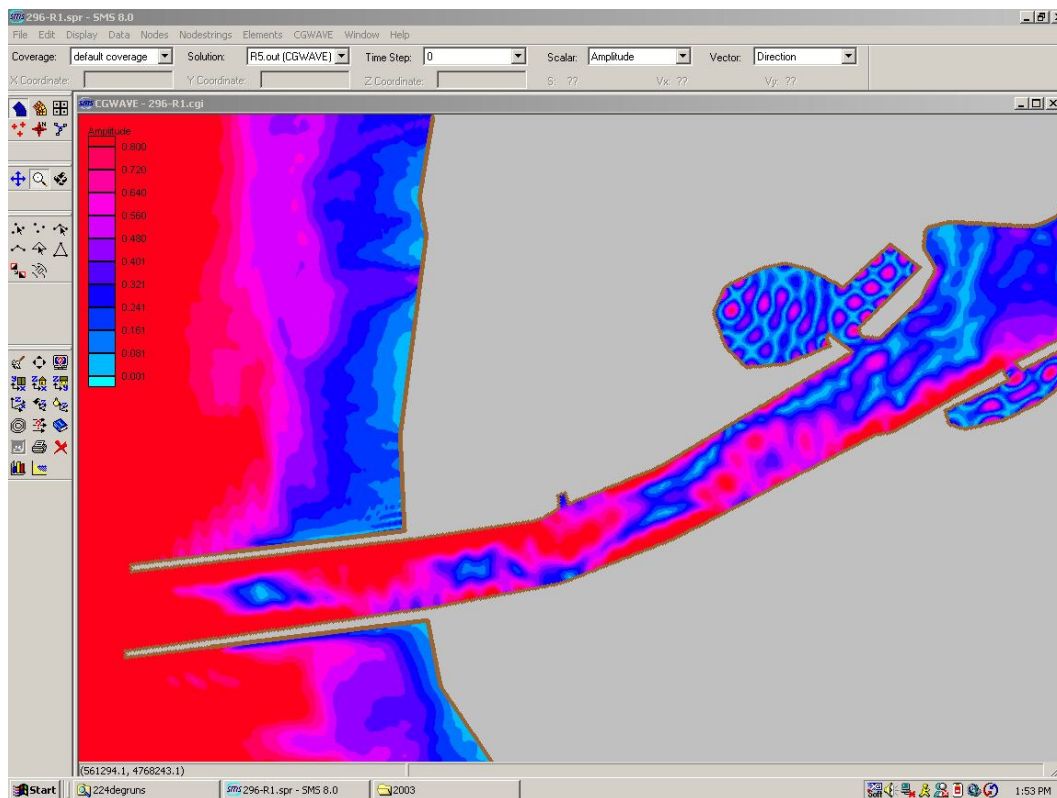
1938: Direction: 242, Wave Condition: 4



2003: Direction: 242, Wave Condition: 4

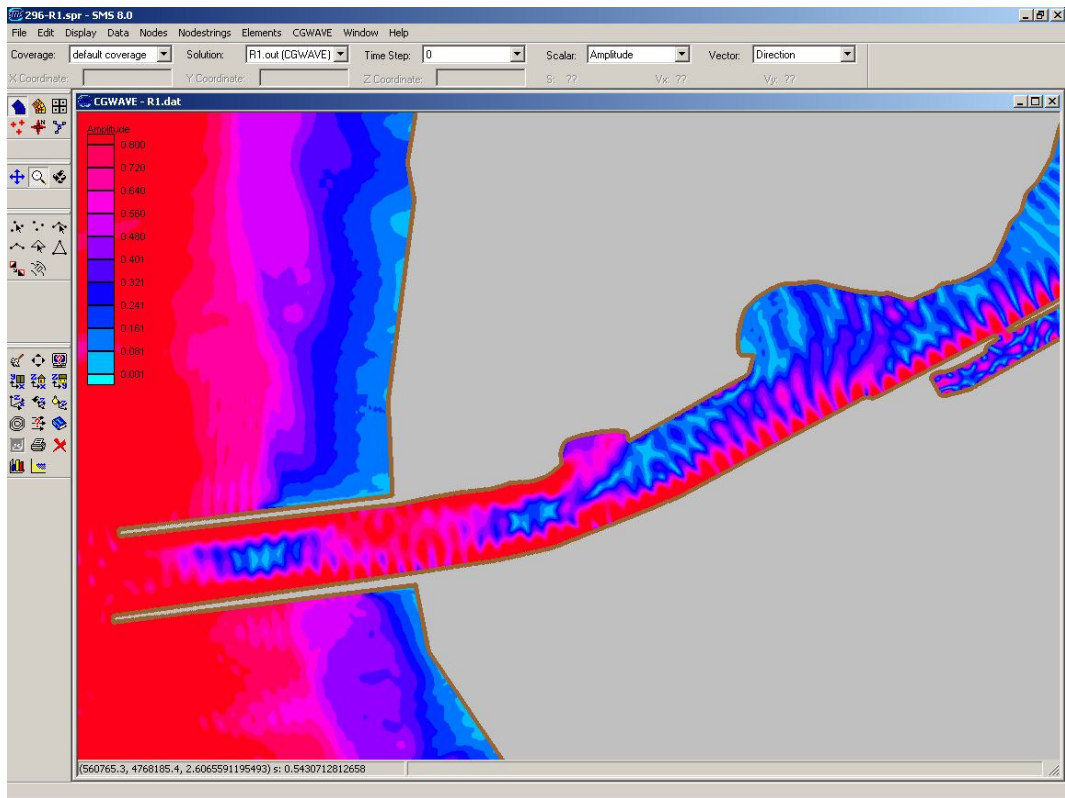


1938: Direction: 242, Wave Condition: 5

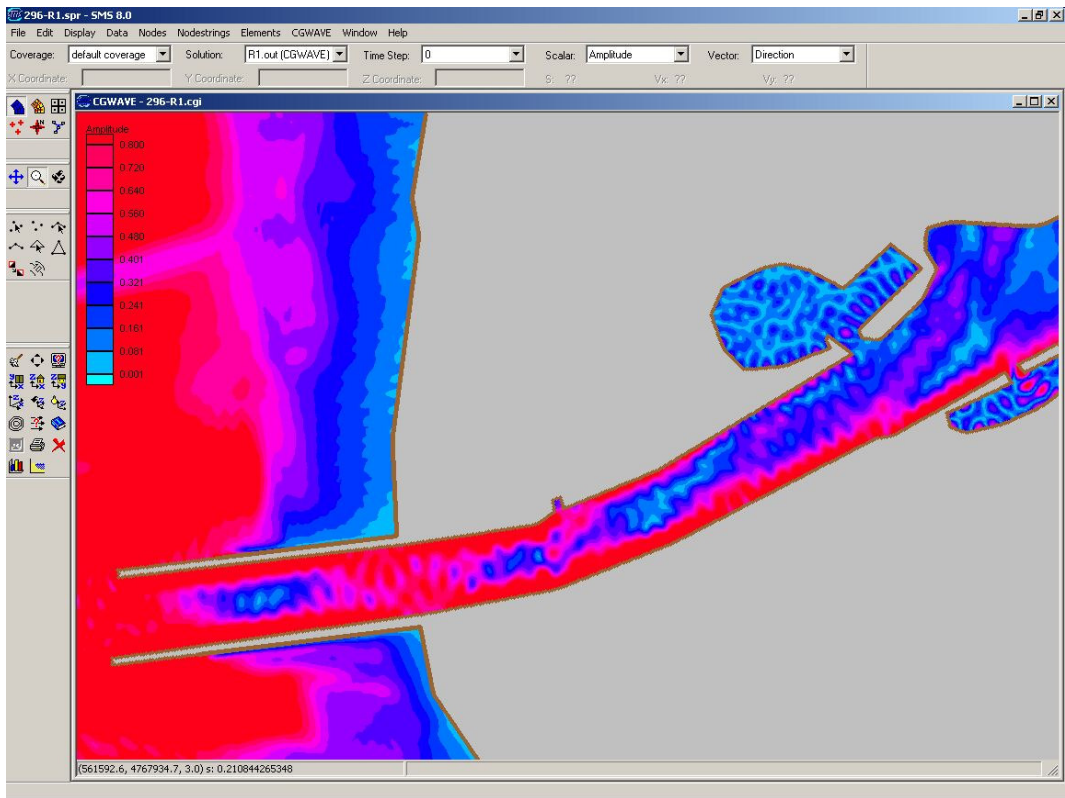


2003: Direction: 242, Wave Condition: 5



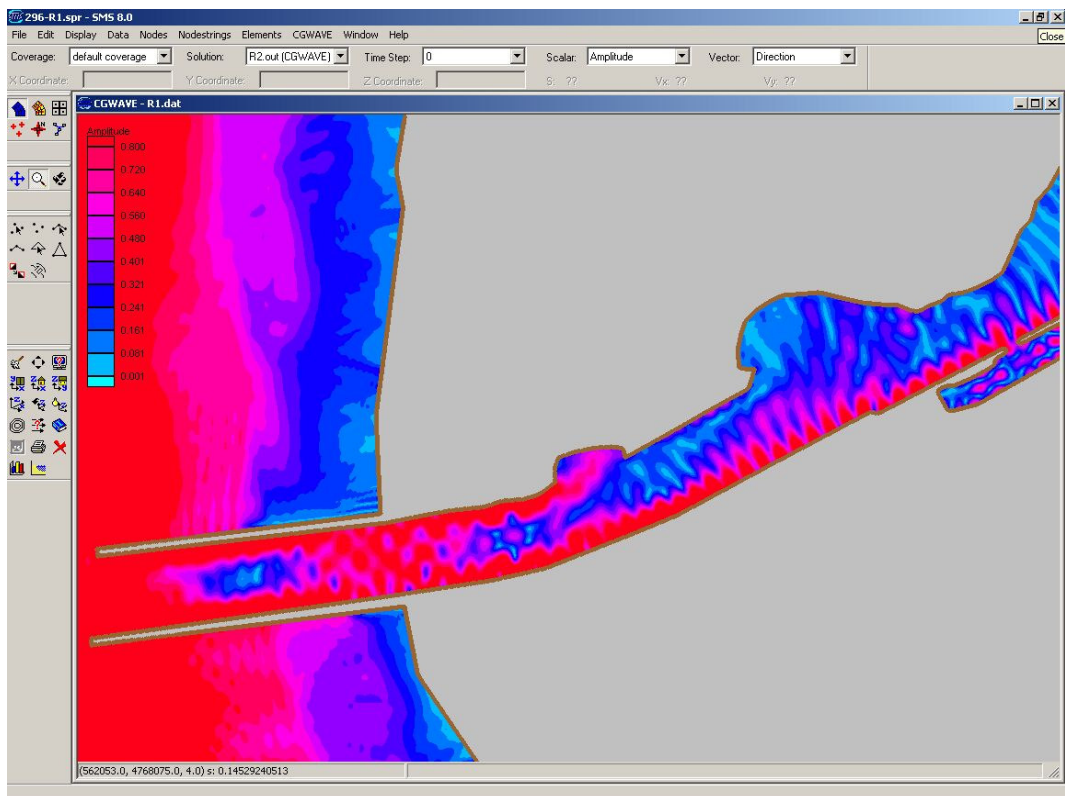


1938: Direction: 260, Wave Condition: 1

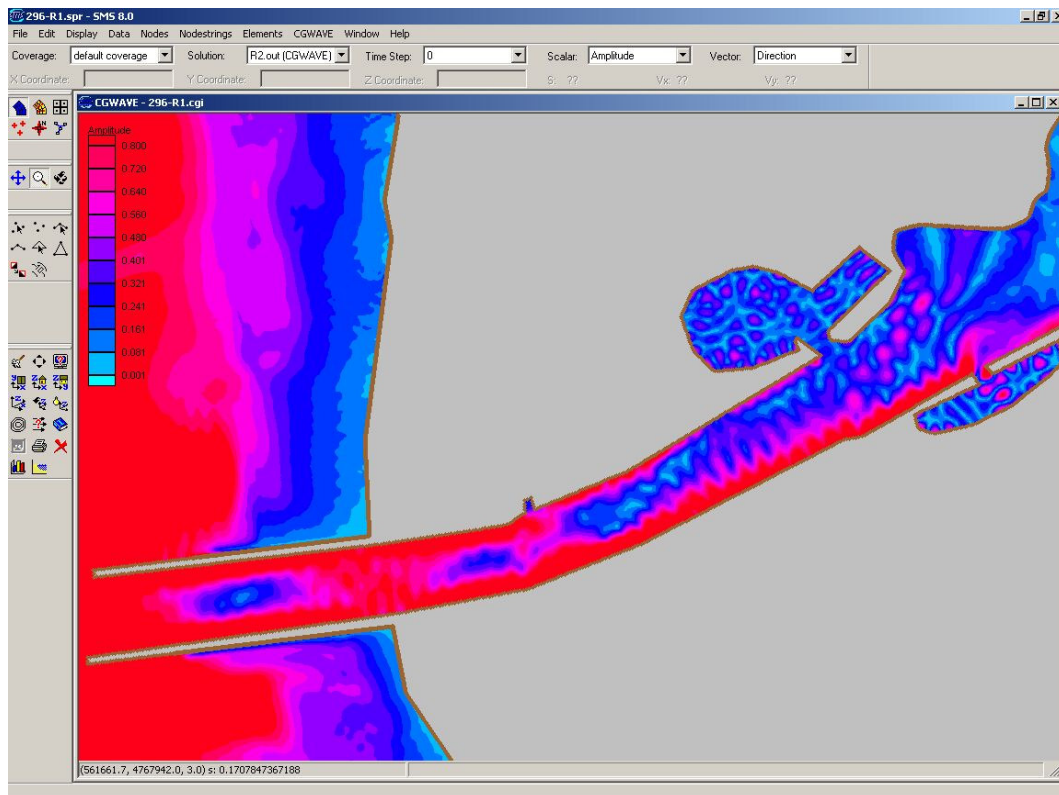


2003: Direction: 260, Wave Condition: 1

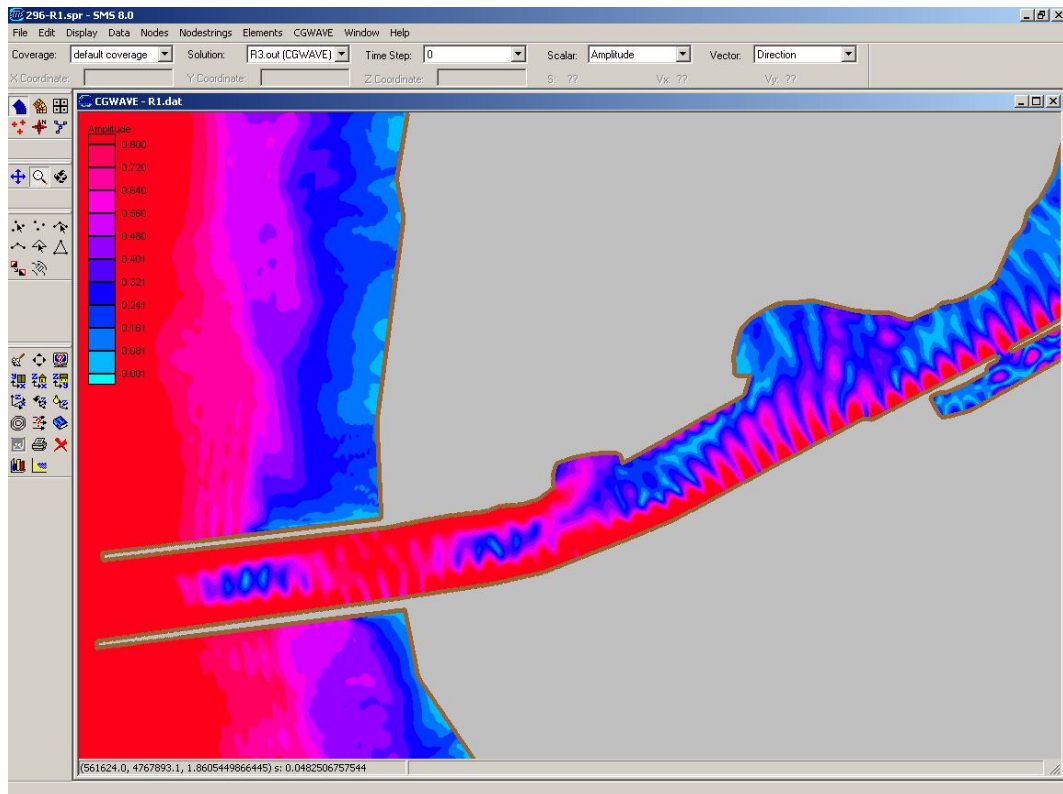




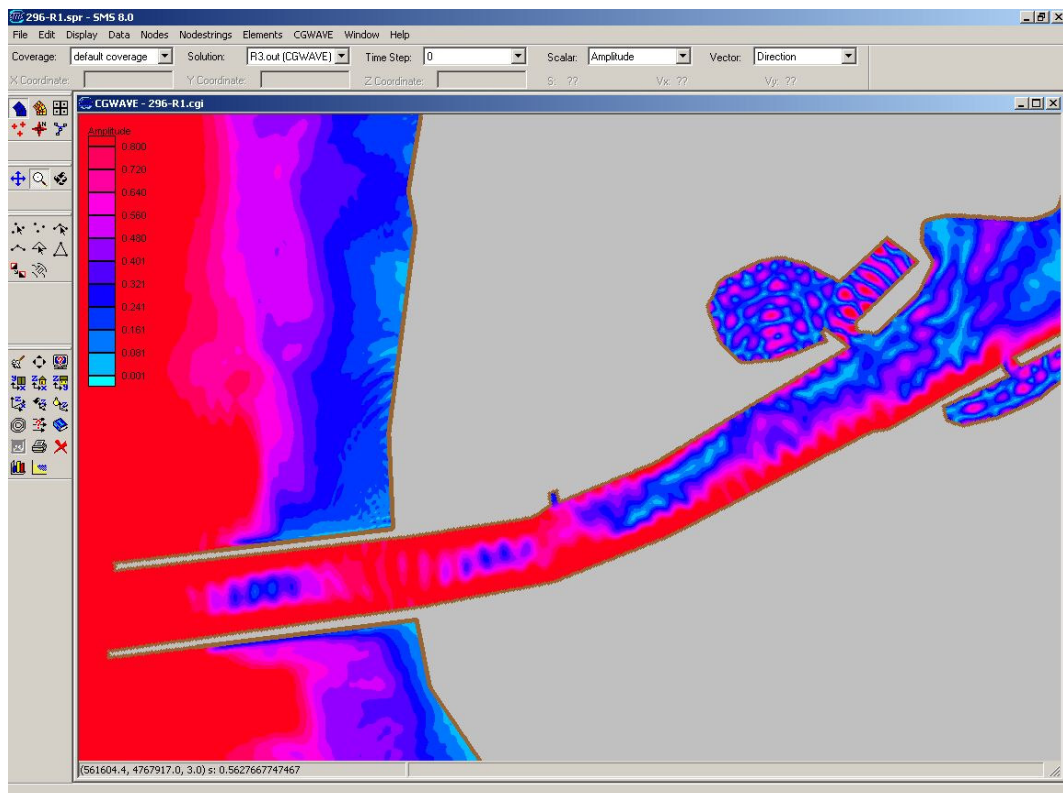
1938: Direction: 260, Wave Condition: 2



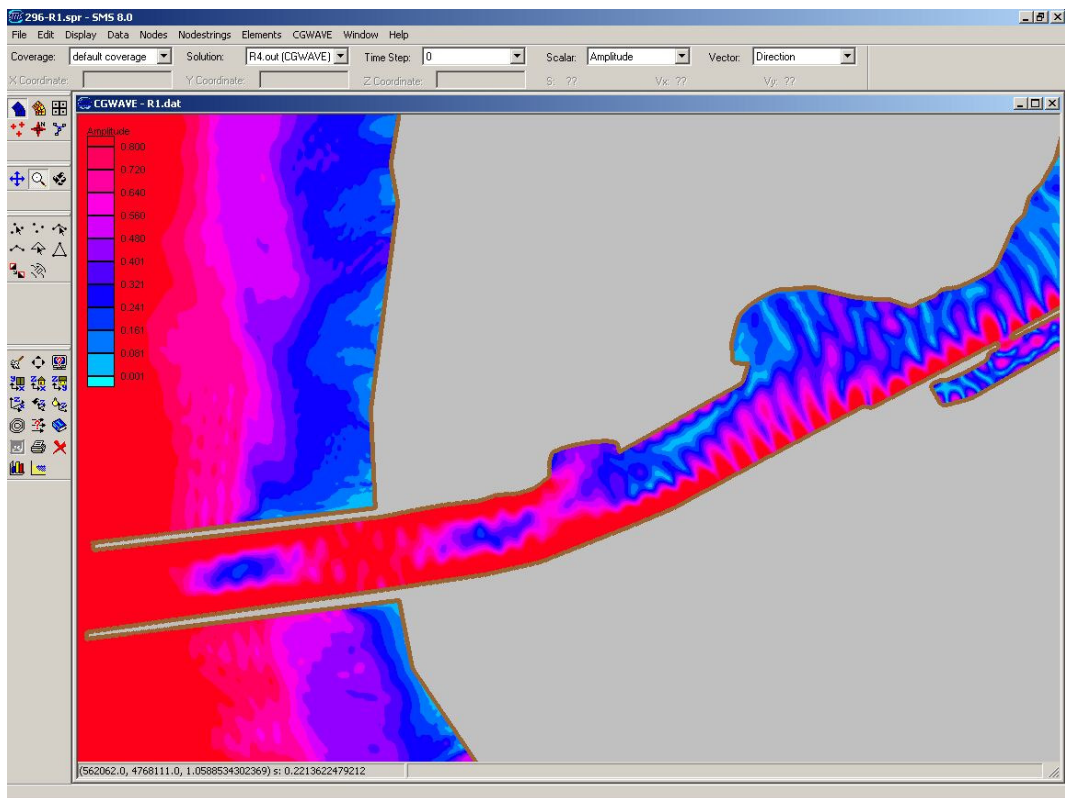
2003: Direction: 260, Wave Condition: 2



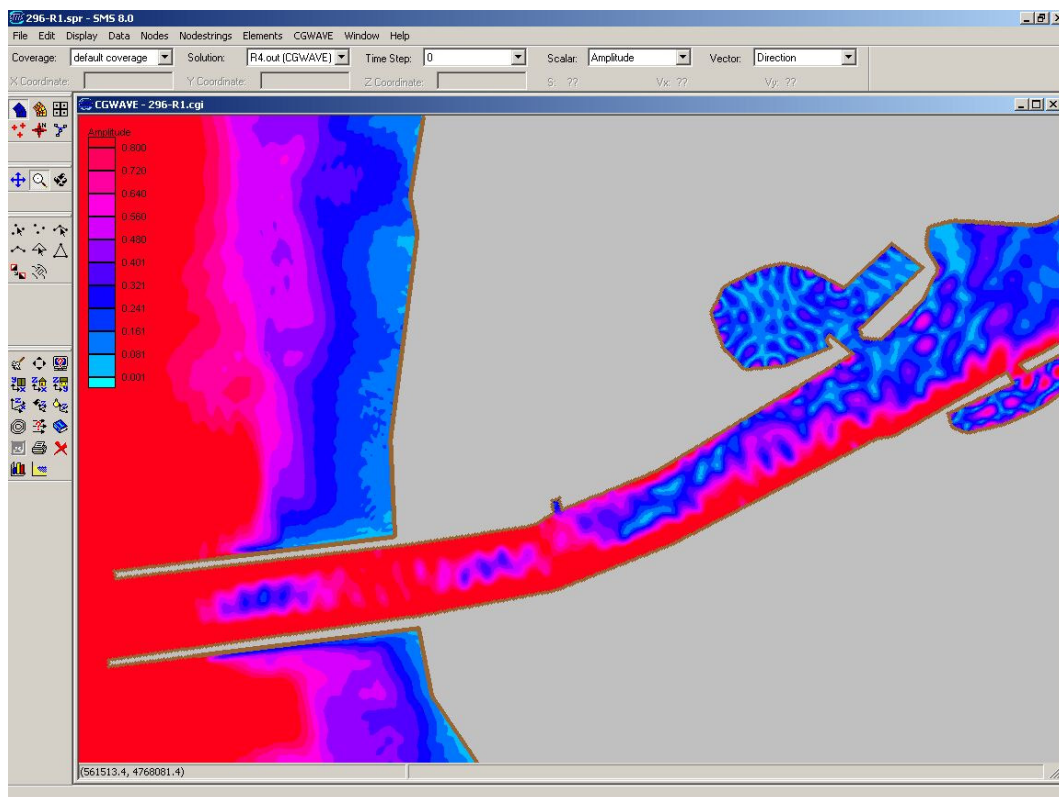
1938: Direction: 260, Wave Condition: 3



2003: Direction: 260, Wave Condition: 3

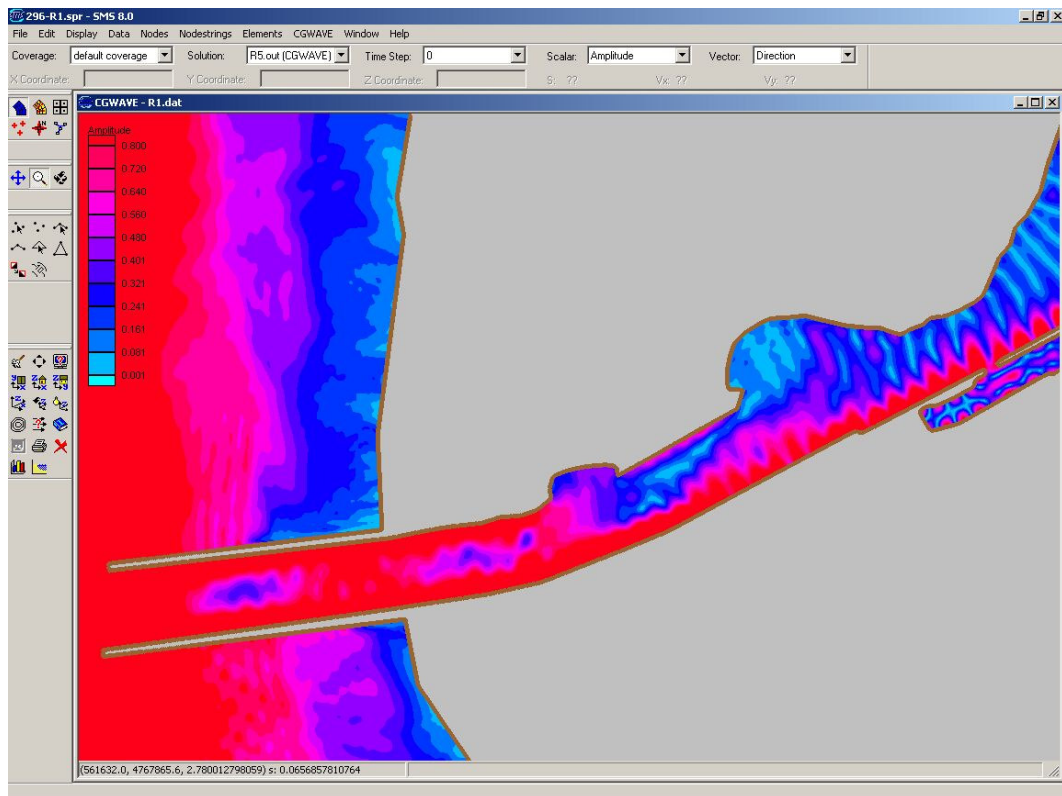


1938: Direction: 260, Wave Condition: 4

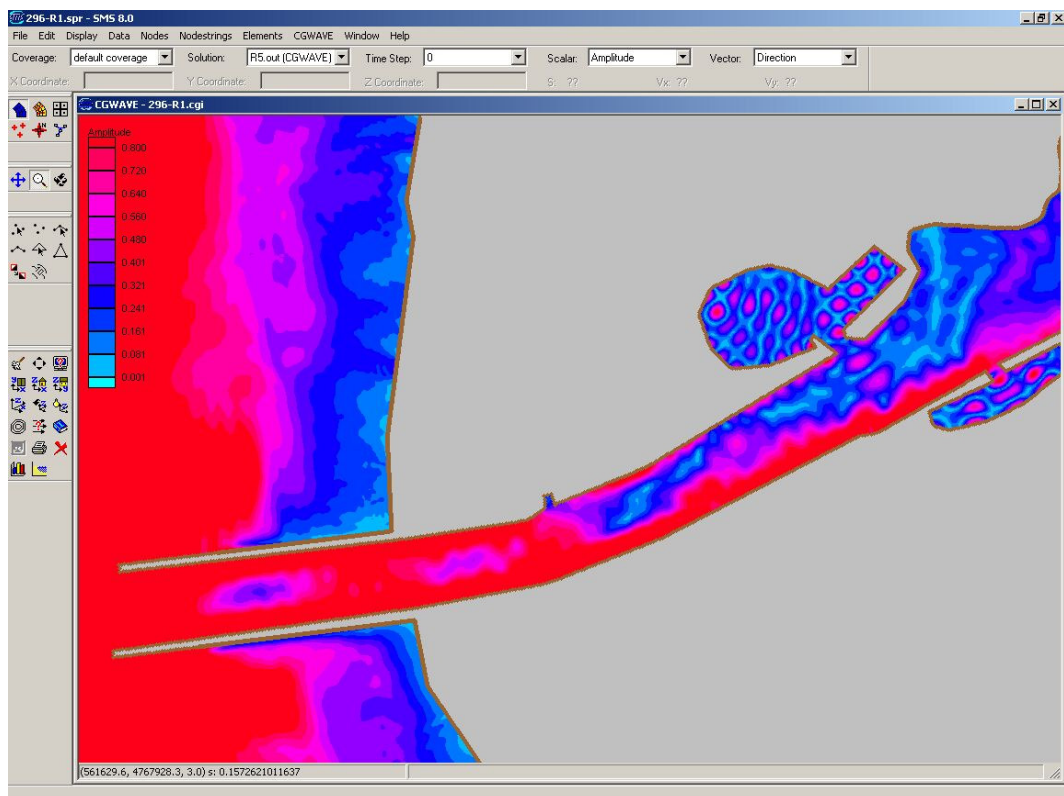


2003: Direction: 260, Wave Condition: 4



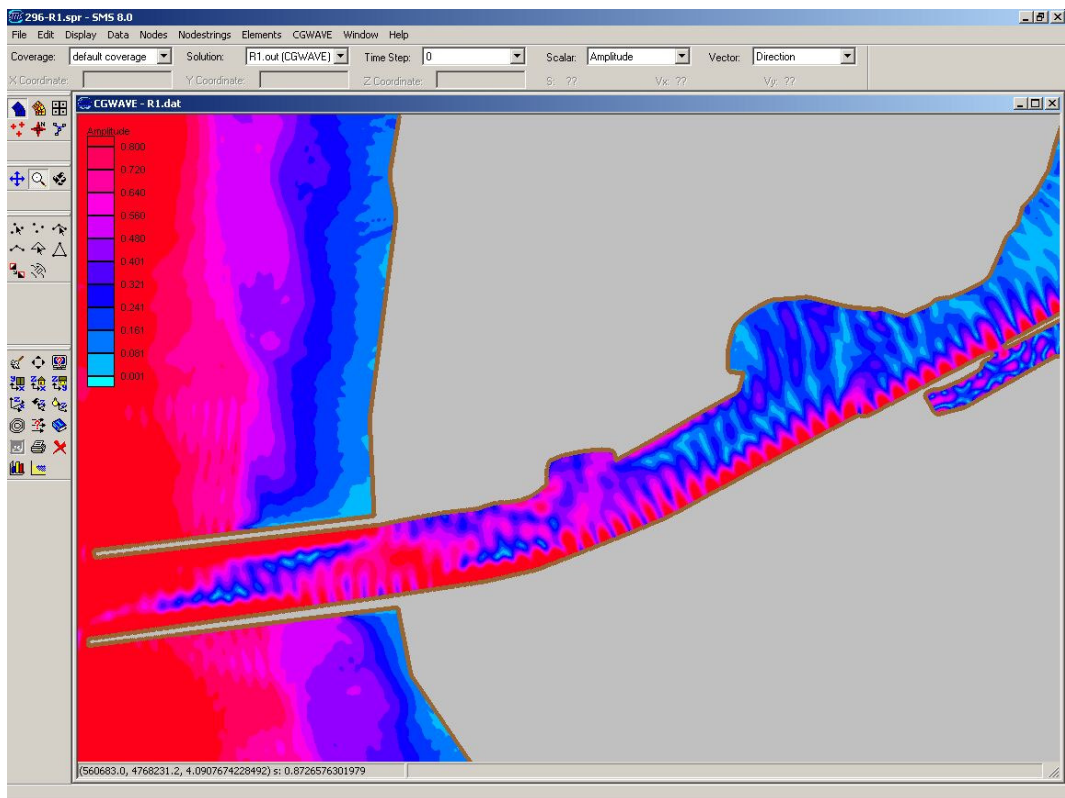


1938: Direction: 260, Wave Condition: 5

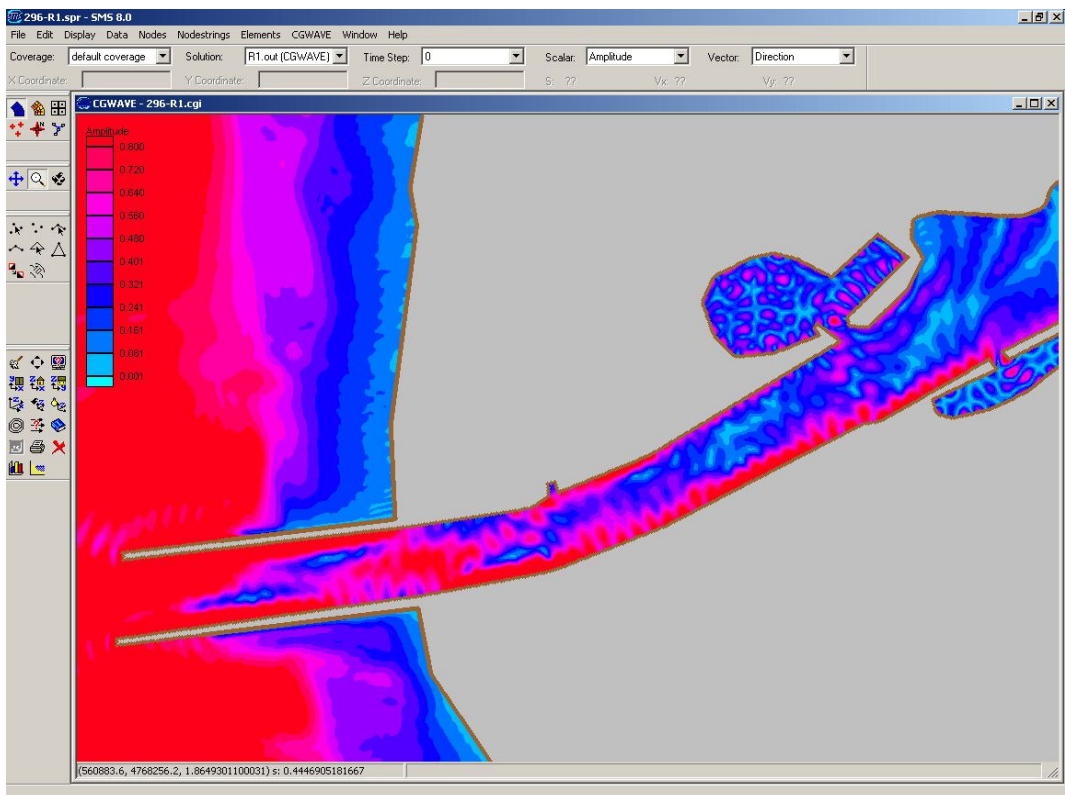


2003: Direction: 260, Wave Condition: 5

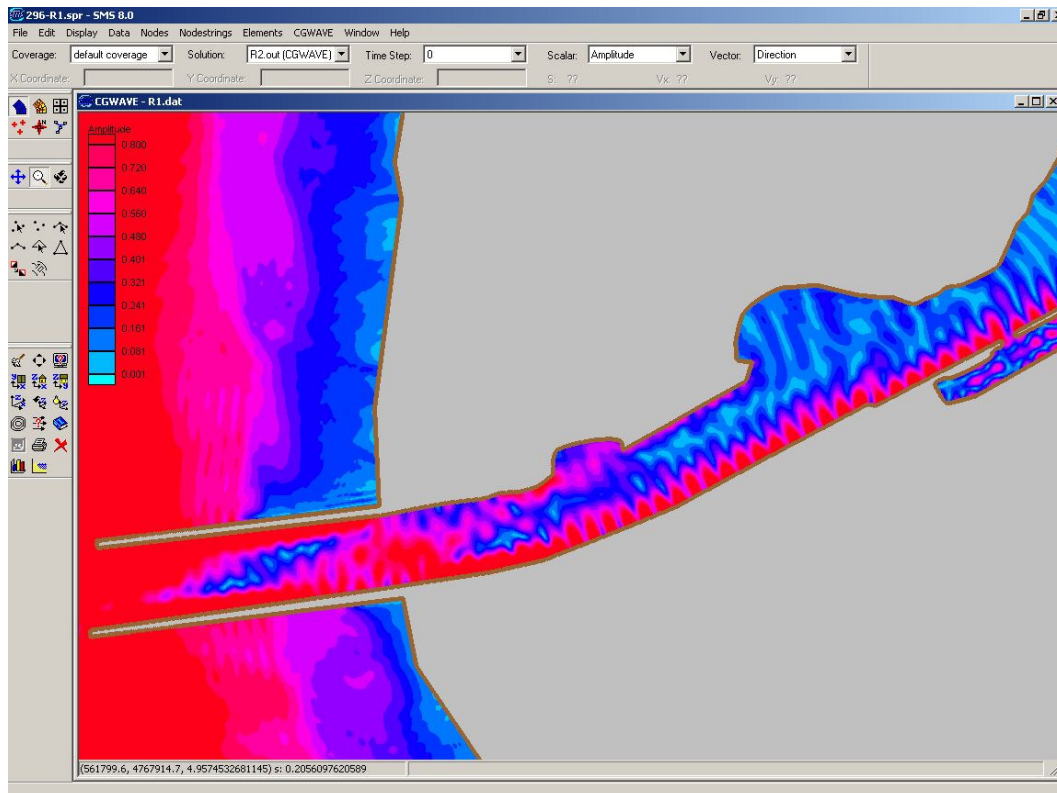




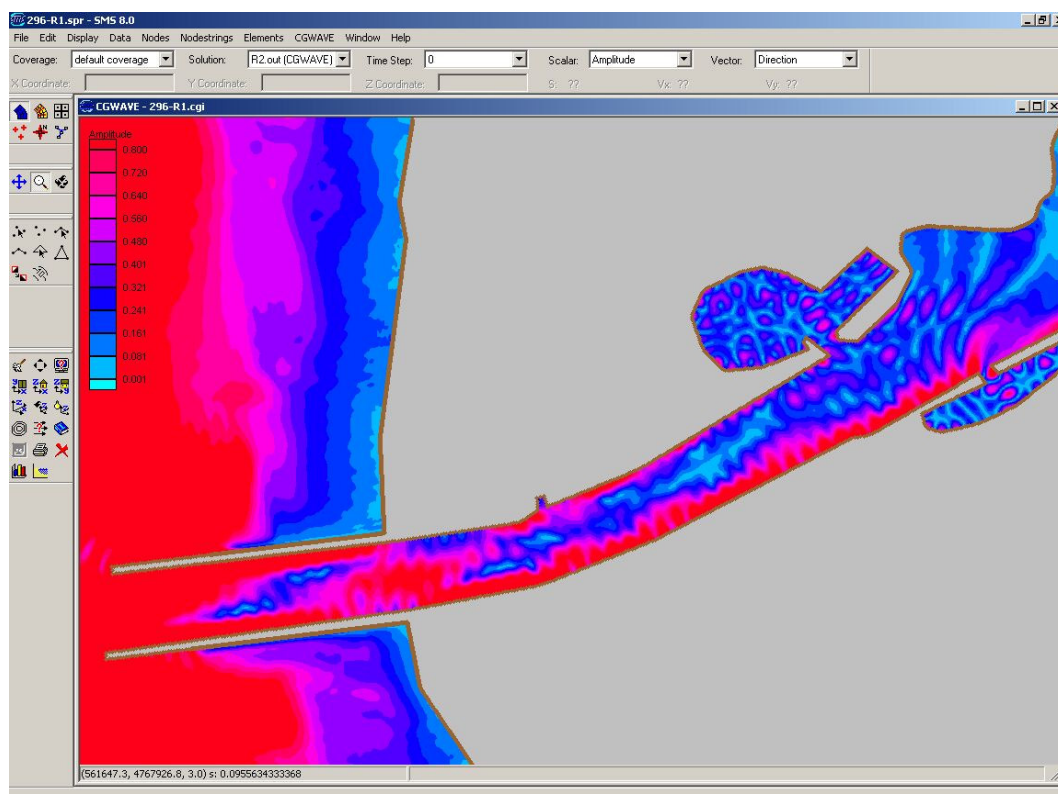
1938: Direction: 278, Wave Condition: 1



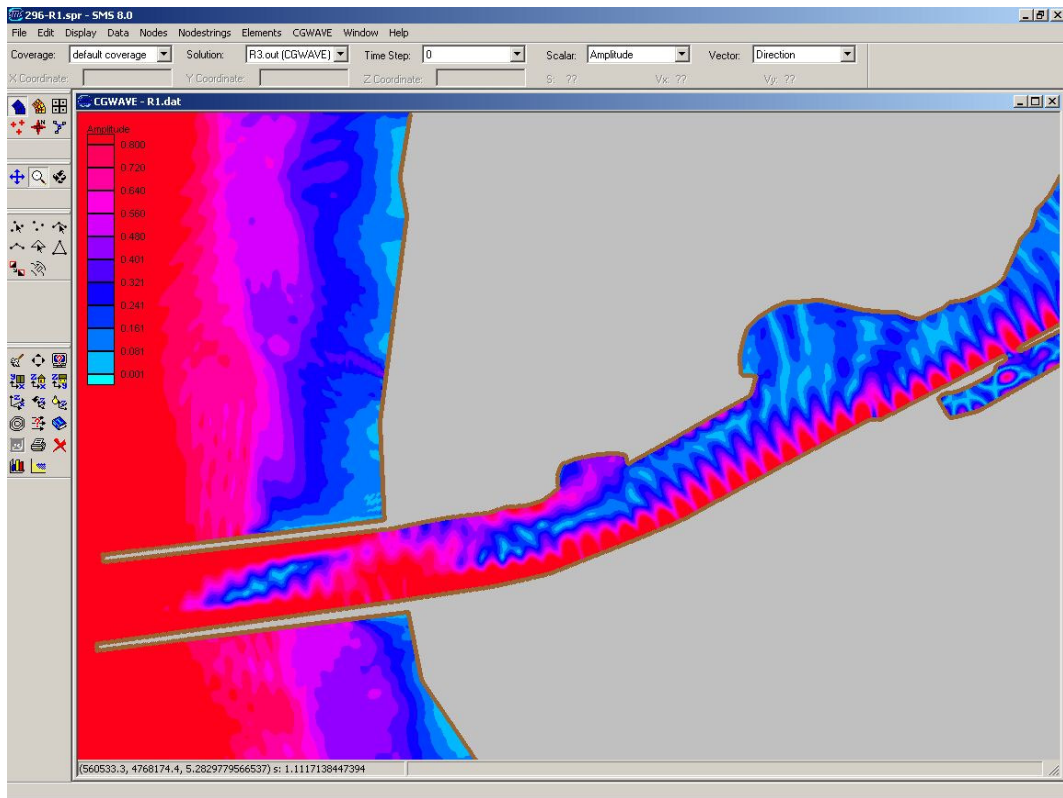
2003: Direction: 278, Wave Condition: 1



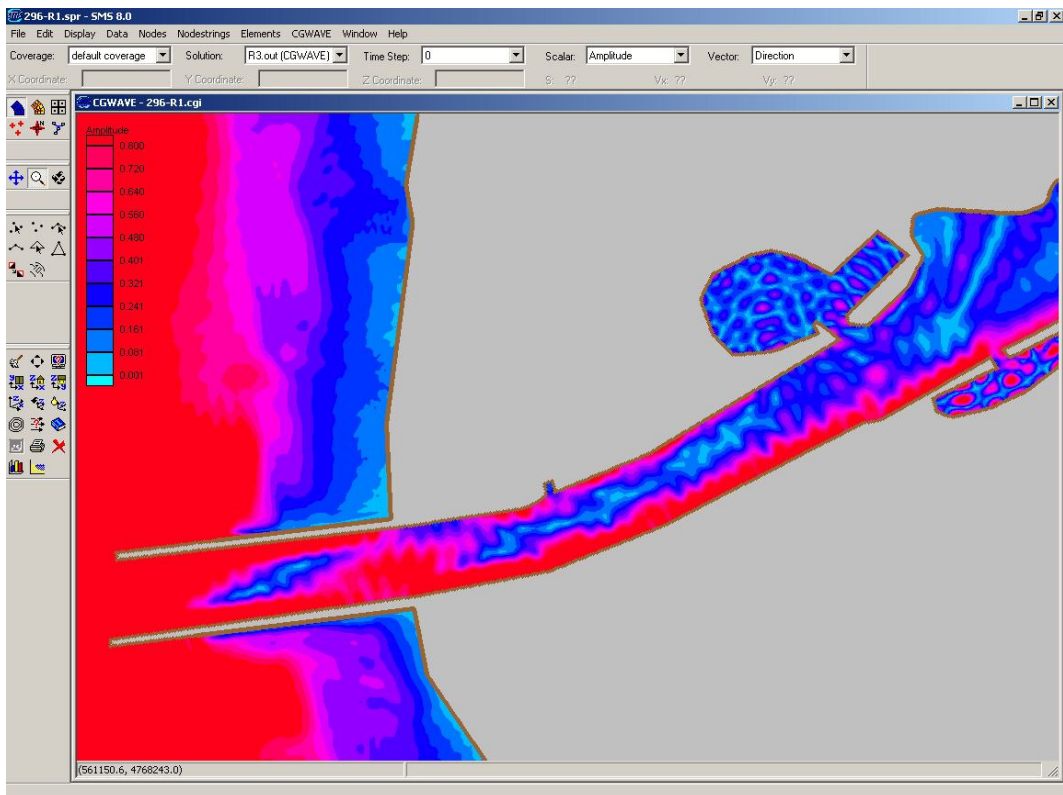
1938: Direction: 278, Wave Condition: 2



2003: Direction: 278, Wave Condition: 2

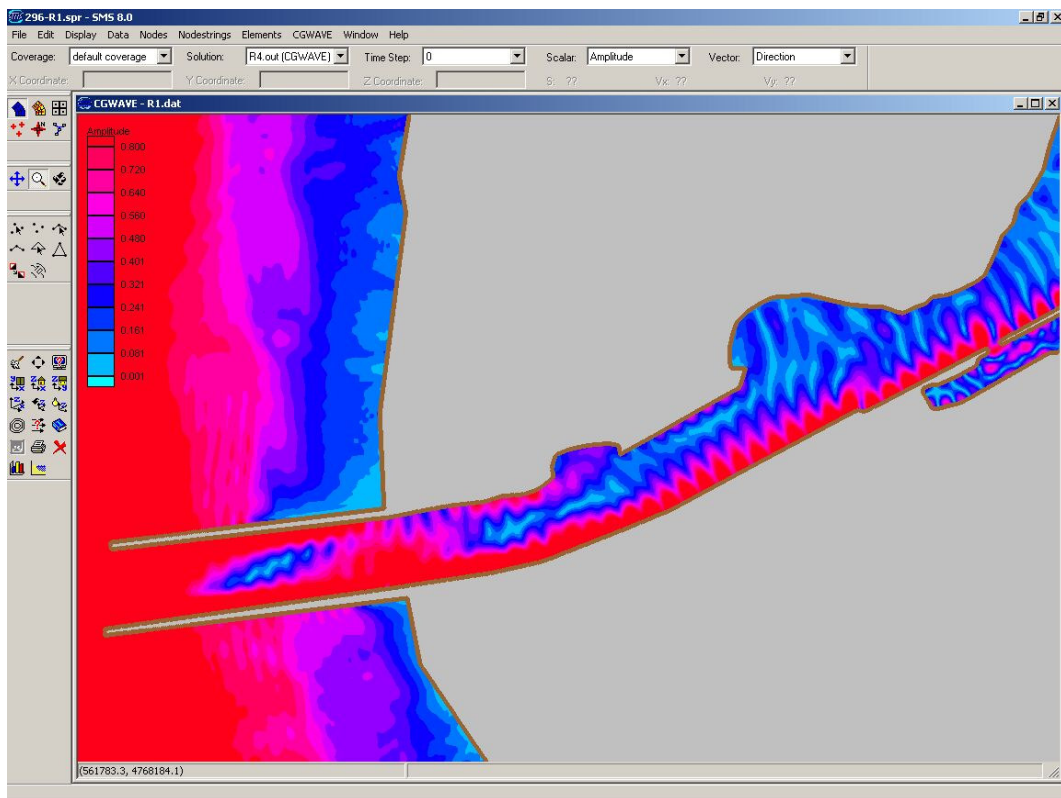


1938: Direction: 278, Wave Condition: 3

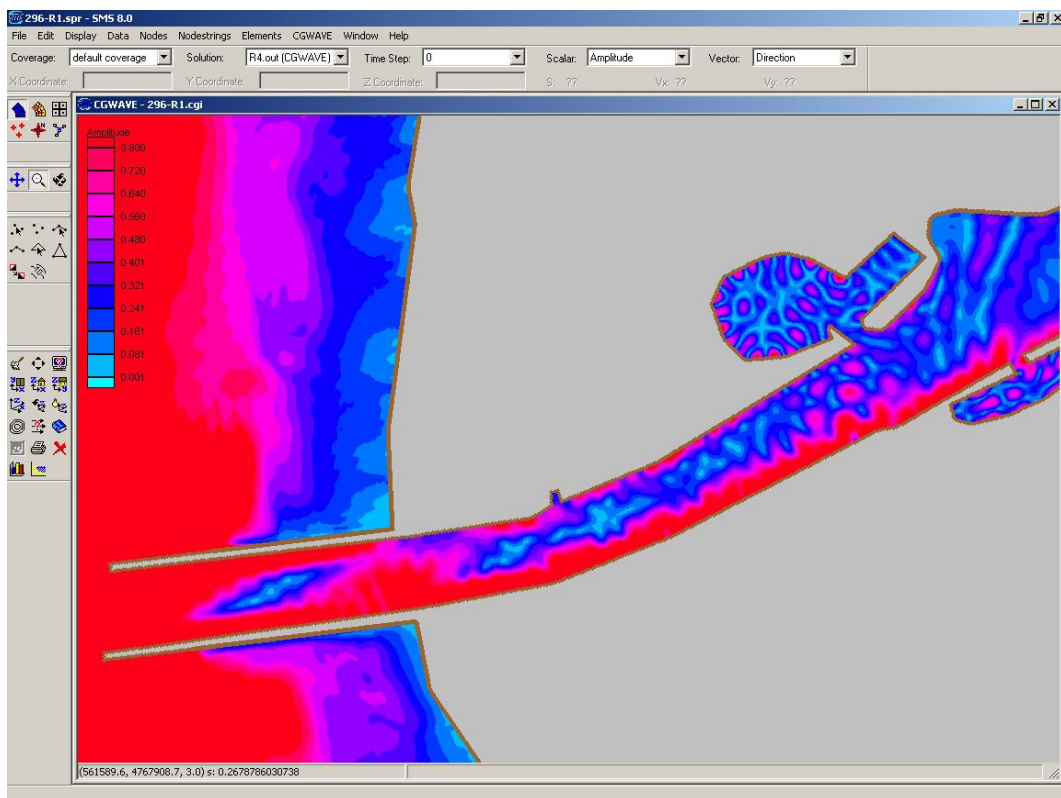


2003: Direction: 278, Wave Condition: 3



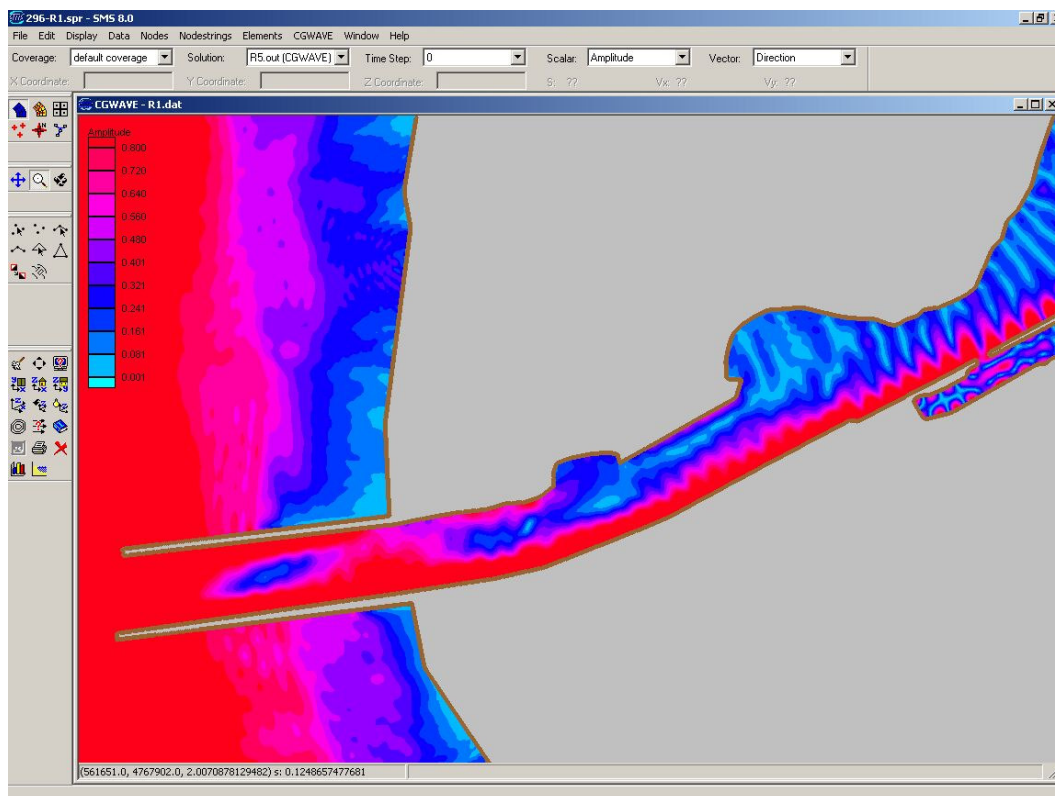


1938: Direction: 278, Wave Condition: 4

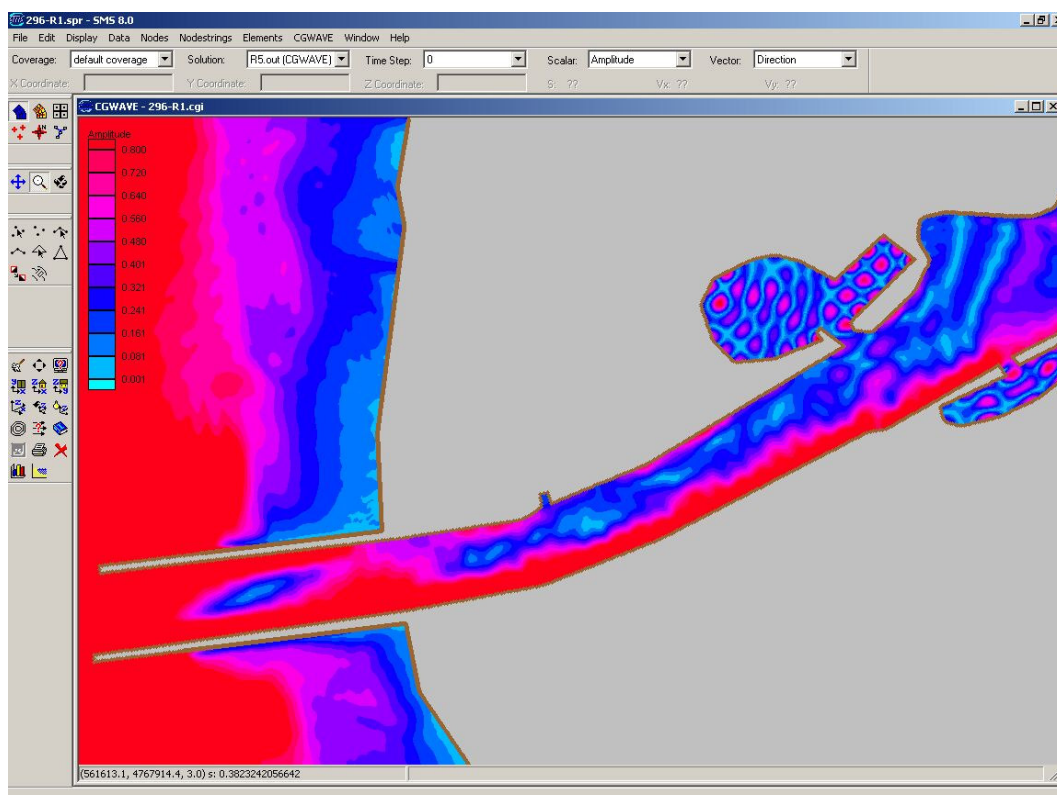


2003: Direction: 278, Wave Condition: 4

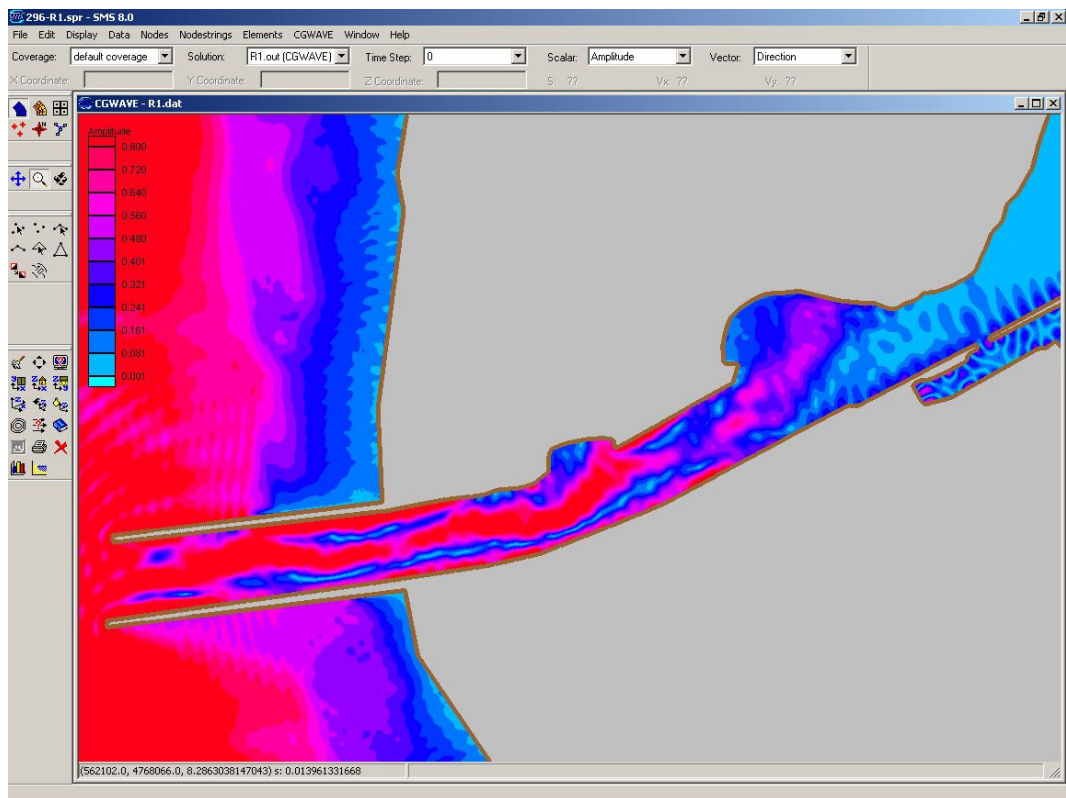




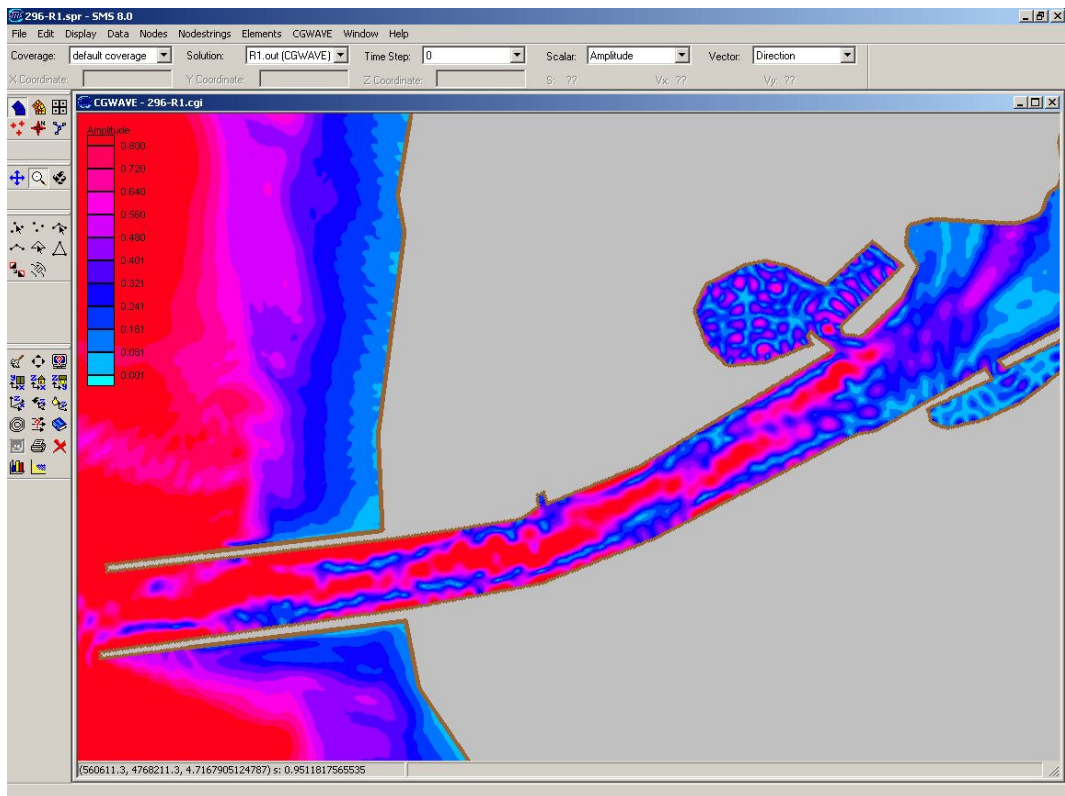
1938: Direction: 278, Wave Condition: 5



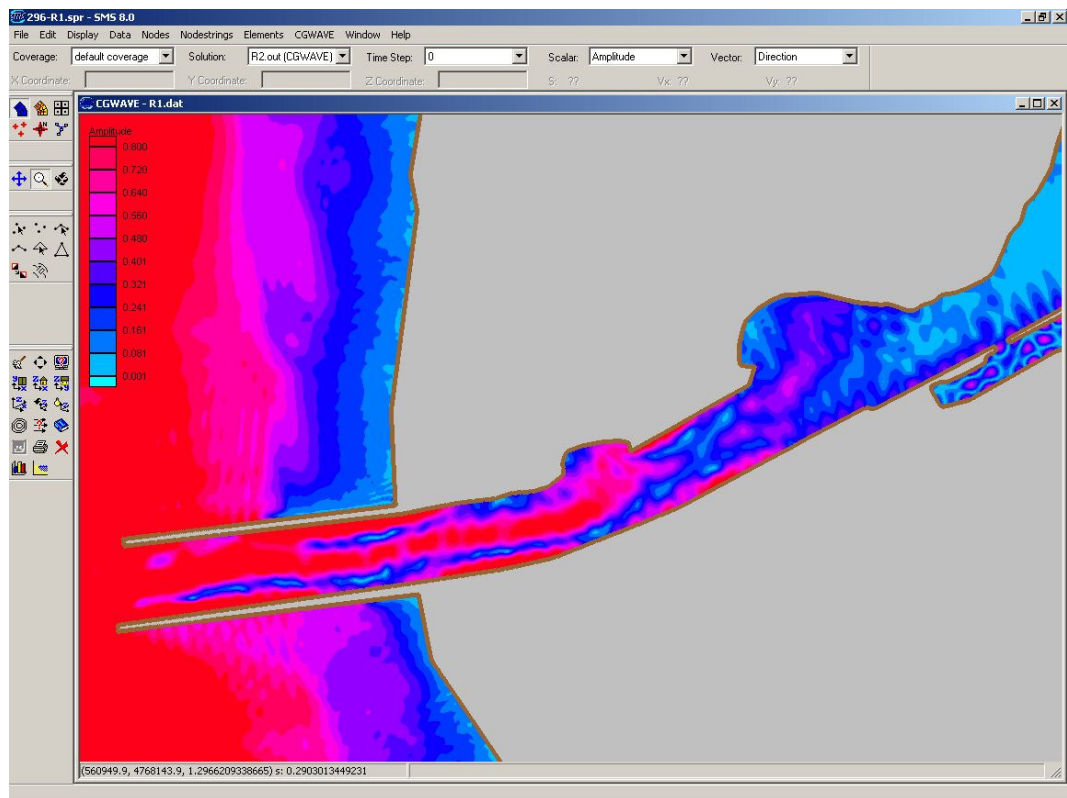
2003: Direction: 278, Wave Condition: 5



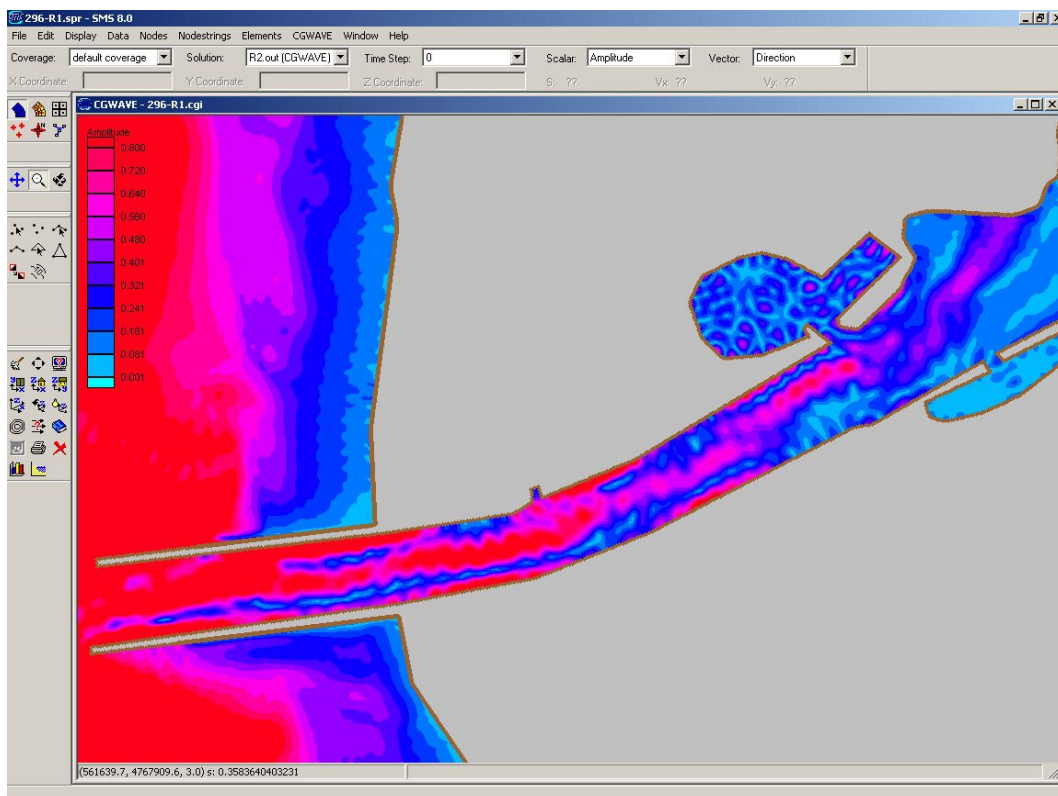
1938: Direction: 296, Wave Condition: 1



2003: Direction: 296, Wave Condition: 1

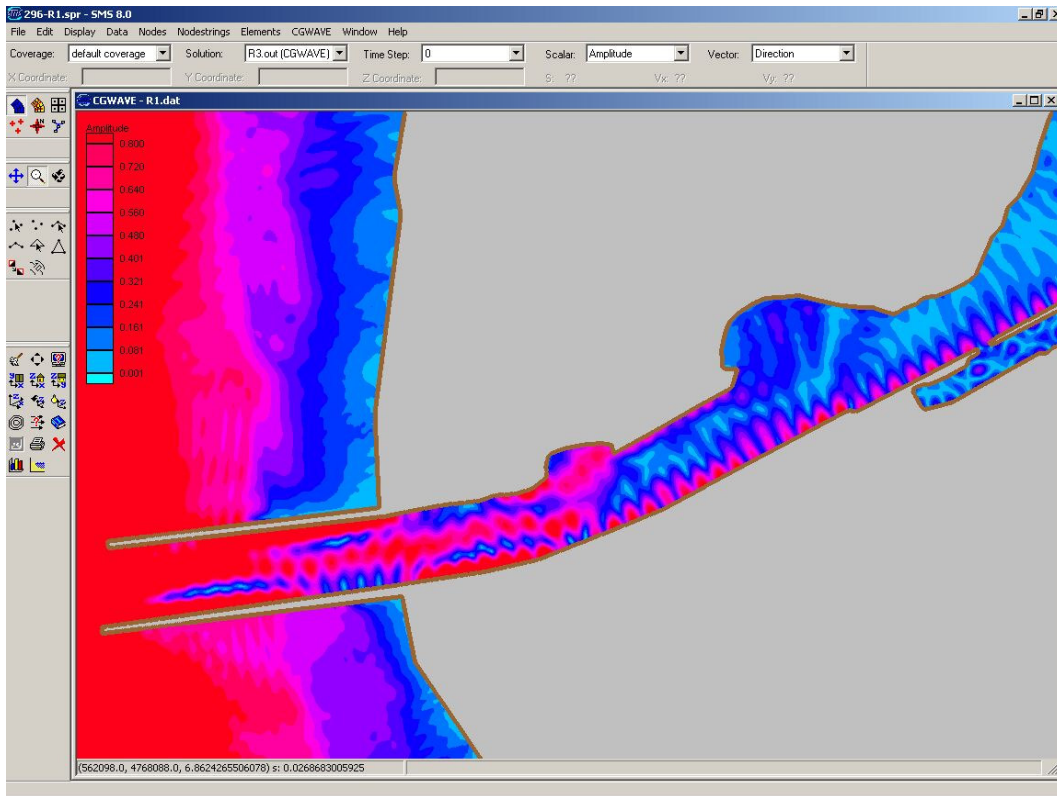


1938: Direction: 296, Wave Condition: 2

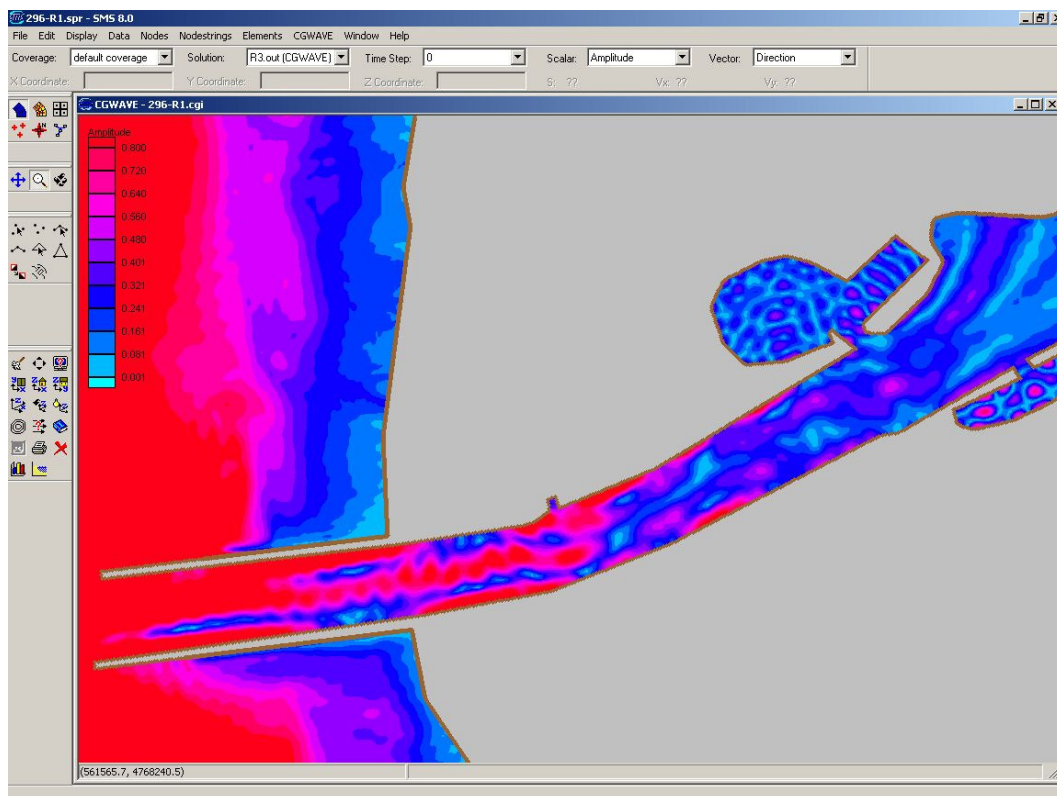


2003: Direction: 296, Wave Condition: 2



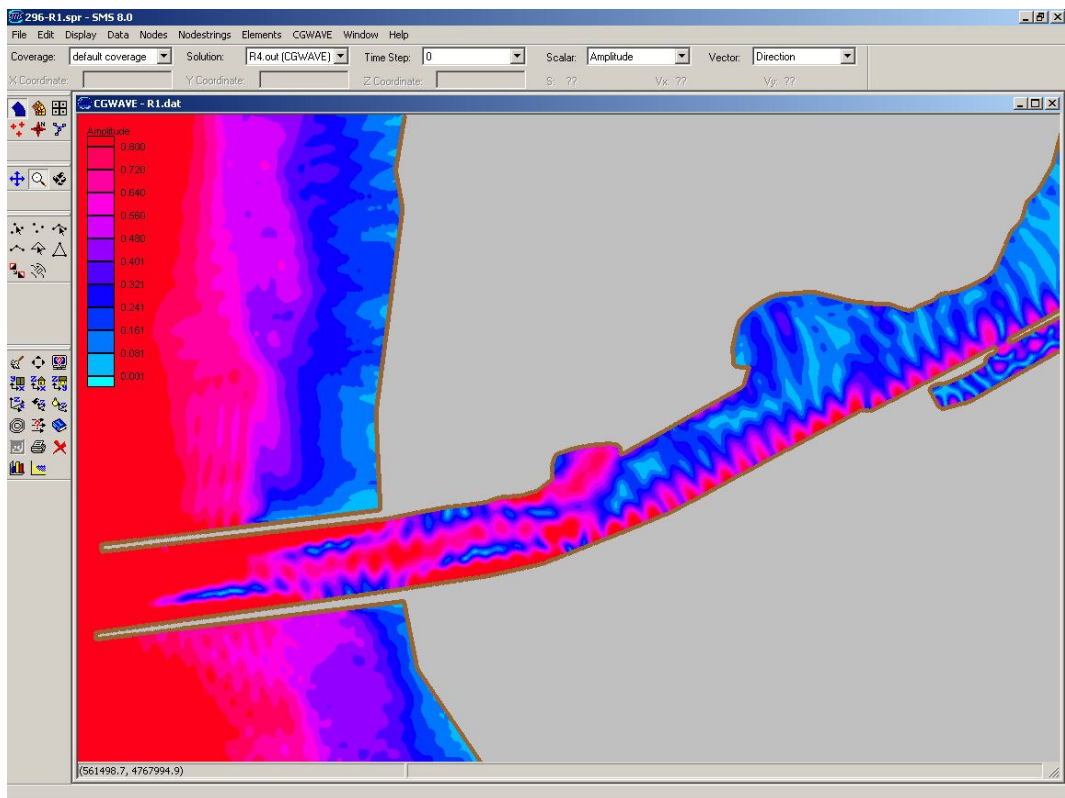


1938: Direction: 296, Wave Condition: 3

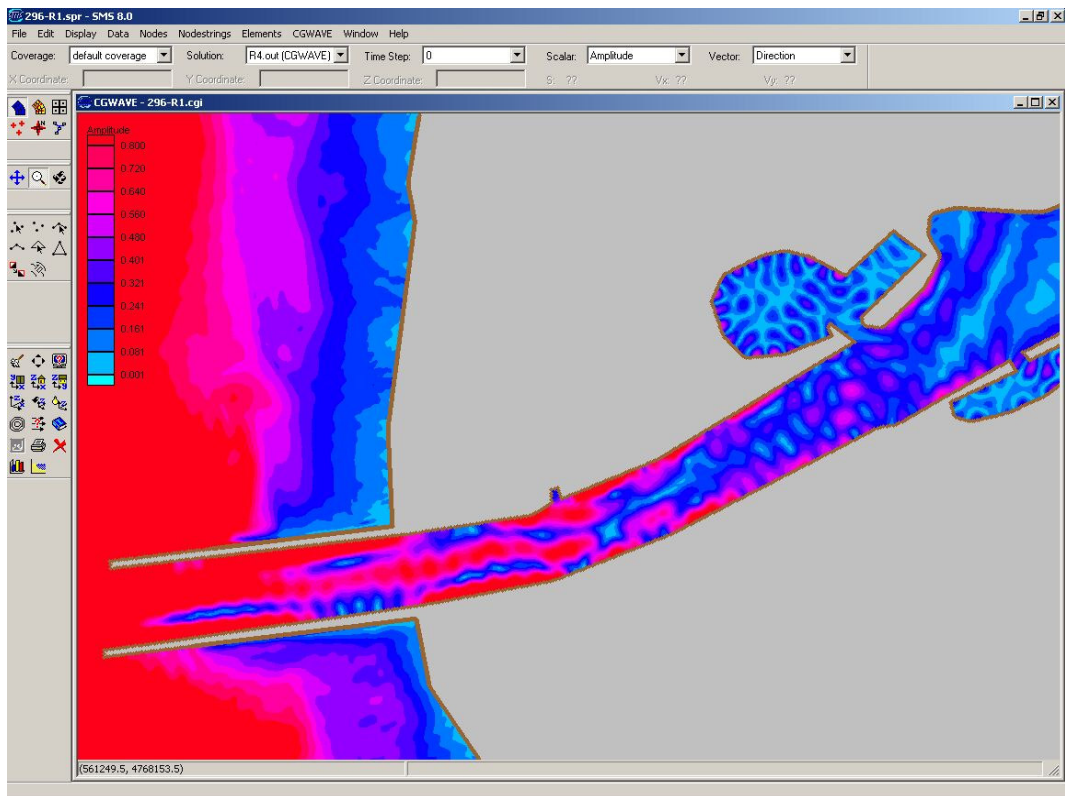


2003: Direction: 296, Wave Condition: 3

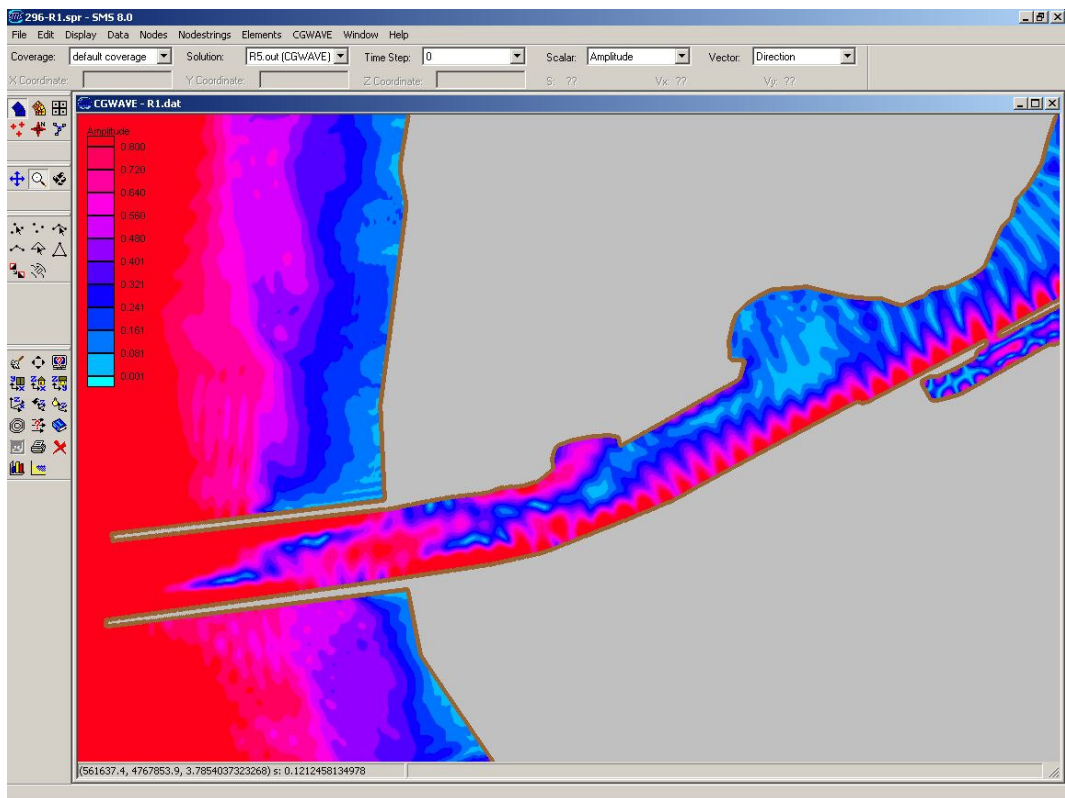




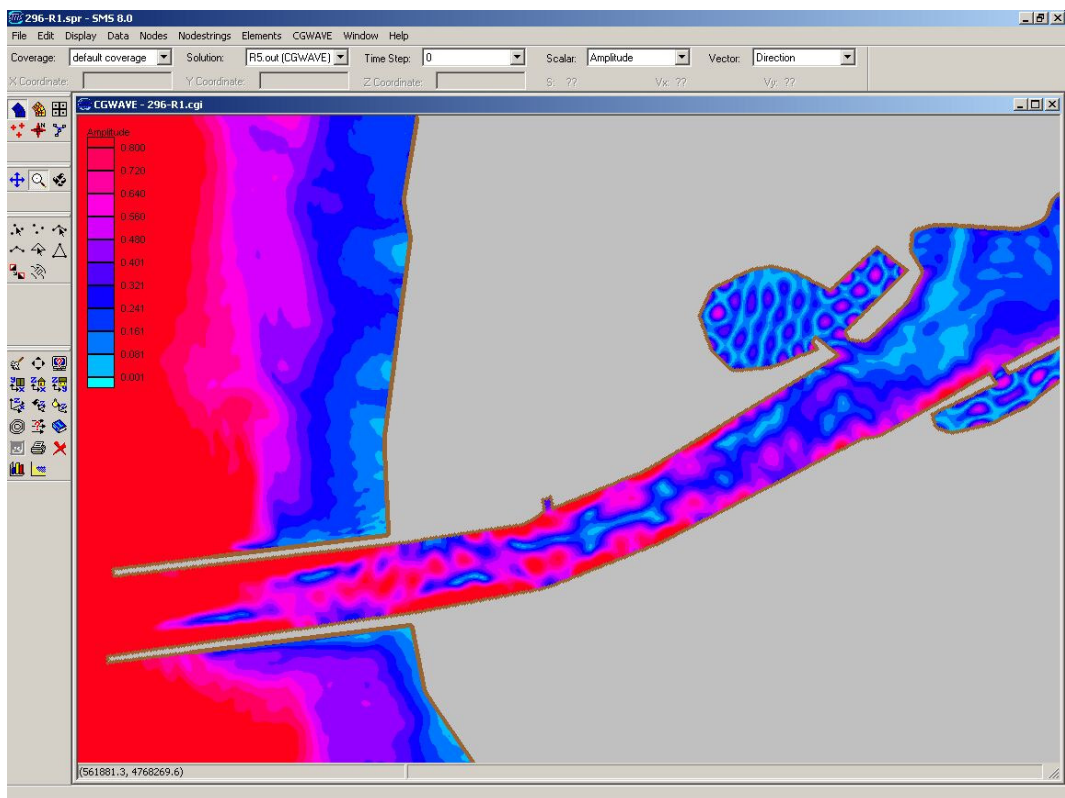
1938: Direction: 296, Wave Condition: 4



2003: Direction: 296, Wave Condition: 4



1938: Direction: 296, Wave Condition: 5



2003: Direction: 296, Wave Condition: 5